Emser Tile®

Porcelain & Ceramic, Decorative
and Natural Stone Collections

Connect™ Gray 6"x24"

Structure™ • Gray 3D 6"x24"

EMSER TILE®

The Emser Story

Porcelain & Ceramic Floor

Porcelain & Ceramic Wall

Decorative Tile

Natural & Engineered Stone

Resources

Since

1968

Established in 1968 and headquartered in Los Angeles, California, Emser Tile® is a leading designer, producer and marketer of the world's finest tile and natural stone. By offering unparalleled service and a vast selection of products, Emser Tile® is a comprehensive source for interior and exterior products that include porcelain, ceramic, glass, decorative accents, metal, quarry, mosaics, natural and engineered stone, cut-to-size products, setting materials and custom manufactured products made to your specifications. Our nationwide service network includes state of the art distribution centers and local sales and service locations to combine a strong national presence with tailored, local service. Building upon over 50 years of service, our dedication and commitment to our customers remains as strong as ever and is the core of our business and our culture.

Our services are tailored to customers' specific requirements. Emser Tile® offers exclusive programs that help retailers, home builders, commercial builders, contractors, architects and designers exceed their customers' expectations and requirements while keeping projects on schedule and within budget.

Our global network brings the latest trends, technologies and innovations for ceramic and porcelain tile, glass, natural stone, decorative, mosaic and metal products. We continue to offer the most compelling and extensive portfolio of colors, finishes, patterns and textures, accompanied by a broad assortment of coordinating trim and accent pieces.

Our expansive capacity translates into a vast selection of products and immediate distribution. With Emser Tile®, customers have quick access to unique and first-to-market products. With our local sales and service locations and global network of factory alliances, Emser Tile® has the infrastructure to logistically support any size project on a domestic or international level.

Potenza™ • Dove
Literati™ • Irving

Green Building Initiative

At Emser Tile®, we embrace our responsibility to protect the planet and create sustainable processes in everything that we do. We hold the same standard for our suppliers and trade partners, and work alongside them to ensure that they adhere to maintaining and improving their standards. Emser Tile®'s Green Building Initiative features a systematic three-prong approach:

- Implementing company-wide environmentally conscious practices in the workplace at all Emser locations throughout North America, including distribution centers. This is a combined effort also shared by our trade partners.

- Practicing transparency of raw materials sourcing with our suppliers, so that we know exactly what ingredients are going into the products we sell down to 1000ppm.

- Educating employees and customers alike through internal and external training programs such as CEU/CES classes regarding health, safety and welfare standards related to material sourcing, manufacturing and installation.

Passion™ • Blanco 3"x8"

Sustainability

Corporate Efforts

Emser Tile® is committed to reducing the environmental impact not only of our corporate headquarters and local sales and service locations, but also all of our distribution centers nationwide.

Our initiatives to do so include:
- Reusing technology, including cell phones, computers, and electronic equipment, through our suppliers and a third-party electronics recycling provider;
- Recycling paper through a third-party shred and recycle service;
- Automating facility lights that operate based on areas in use;
- Programming thermostats for optimal indoor temperatures while maintaining energy efficiency;
- Using low-flow and no-flush plumbing fixtures that preserve water;
- Prioritizing recycled content in office supplies;
- Emser Tile® operates strategically placed distribution centers and local sales and service locations throughout the United States. Having multiple facilities allows us to maximize the volume of every truckload for the most efficient transportation of our products, and in turn, minimizing our carbon footprint.

Material Resources

Emser Tile® chooses to work with suppliers that recycle the maximum amount of material possible back into the raw bisque, which is then reused to make new tiles. Understanding the importance of water conservation, Emser Tile® suppliers also recycle and reuse water during the manufacturing process. All glazes used in the production of ceramic and porcelain tile are water based and contain zero solvents, reducing potential Volatile Organic Compound (VOC) emissions during production and further eliminating any off-gassing of our finished floor products to 0 g/L through the firing stage of manufacturing. All overseas suppliers are required to be transparent in raw ingredient reporting up to 1000ppm, allowing Emser to meet OSHA Safety Data Sheet (SDS) requirements, as well as Health Product Declarations (HPD v2.1). Preference is given to manufacturers with upgraded kiln equipment that are able to better control heat emission and indoor air quality at the factory level.

Due to their raw ingredient profiles, all products are Red List Free, Conflict Mineral Free, Lead Free and compliant to OSHA Silica Standards as well as Prop 65.

Manufacturing, Distribution & Installation

Our transparency efforts specifically compliment green friendly builds that are focused around environmental impact in addition to worker health and safety. Unlike other types of hard and soft flooring, the longevity of ceramic, porcelain, and natural stone prevents frequent replacement, reducing the emissions and carbon footprints related to manufacturing, transportation and disposal of waste. With a potential cradle to grave lifecycle of 100+ years, studies have shown that over a 20-year span, ceramic, porcelain, and natural stone products are more cost-effective and sustainable than any other flooring material.

For enhanced eco-friendly attributes, all products and packaging are 100% recyclable, allowing them to be easily diverted from landfills post construction. The inherent characteristics of these surfaces allow for easy installation and cleaning without the use of toxic, high VOC, or harsh chemicals, while also displaying natural antimicrobial properties reducing potential bacteria and mold growth making them a very hygienic option.

Through innovative design, these dense body products can be installed in a way that enhances indoor air quality, creating building efficiency by controlling ambient room temperatures of a space, all while reducing heating and air conditioning costs. Partnered with a Low/No VOC setting materials system, including an installation system warranty, the health, safety and longevity of the application can be optimized.

Patterns

There are many choices among tile to meet all tastes and preferences. By creating a pattern with tile, one can express his or her personal style and design a truly unique space. A pattern not only alters an appearance, but it can also impact scale. The pattern suggestions are guidelines only — use your unique style and creativity to transform your space.

Our helpful Pattern Calculator can be downloaded from our website, along with our entire selection of patterns.
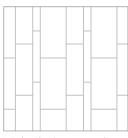
33% Offset is recommended for staggered floor installations.

For additional pattern selections, please visit www.emser.com
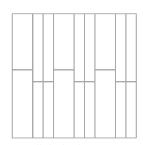
Wood Looks
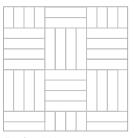
| Herringbone | Multiple Staggered | Parallel Plank | Basket Weave | Ships Deck |
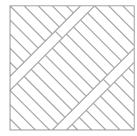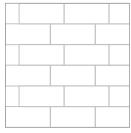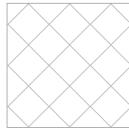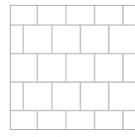
One Size
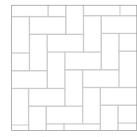
| Staggered Brickwork | Diamond | Brickwork Square | Straight Herringbone |
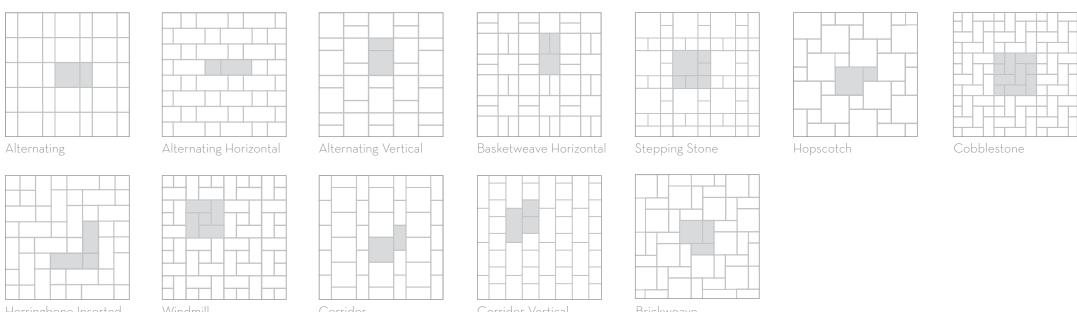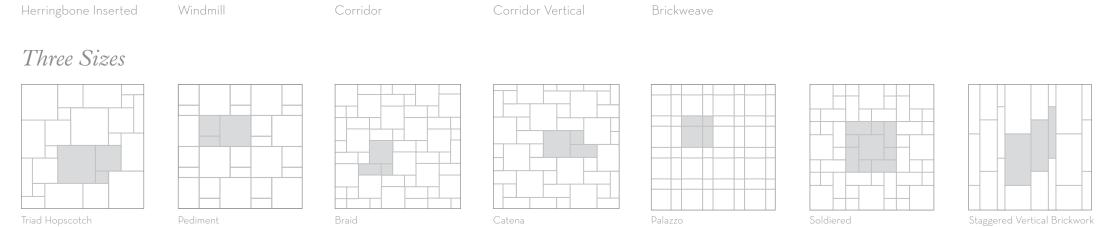
Hollywood™ • Oak 8"x47"

Two Sizes

Alternating

Alternating Horizontal

Alternating Vertical

Basketweave Horizontal

Stepping Stone

Hopscotch

Cobblestone

Herringbone Inserted

Windmill

Corridor

Corridor Vertical

Brickweave

Three Sizes

Triad Hopscotch

Pediment

Braid

Catena

Palazzo

Soldiered

Staggered Vertical Brickwork

Multiple Sizes

Versailles

Escala
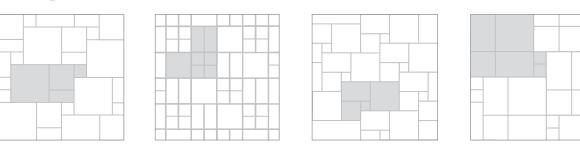
Modular Pinwheel

Kaleidoscope

Symbols Guide

Use the tabs to quickly access the main chapters of the catalog. The Emser easy-find index at the opening of each product section will allow you to quickly locate a series.

The symbols shown below describe the general usage and features of the products. For a more detailed technical and usage chart, please refer to the resources section or visit us online at emser.com

FW — FLOOR/WALL

R — RESIDENTIAL

ID — INDOOR

W — WALL

C — COMMERCIAL

OD — OUTDOOR

Rhythm™ • Black Hexagon & Deco Hexagon

Index By Collection

COLLECTION	SIZE	MOSAIC	TRIM
ACCESS II	12x24	✓	✓
	24x27		
ACTION	11x23		✓
ALBERO	8x24		
ALPHA	12x24	✓	✓
	13x13		
ANGELES	9x47		
ANTHEM	12x12	✓	✓
	13x23		
	18x18		
ARCHIVE	11x23	✓	✓
BARN	6x35		
BAUHAUS	8x8		
	9x10		
BEACH HOUSE	8x34		
BEACH WOOD	8x34		
BLUE EMOTION	12x24	✓	✓
	18x35		
BORIGNI	12x23	✓	✓
	18x35		
	35x35		
BRAVA	12x24	✓	✓
	13x13		
BRIQUE	2x10		
BUILDING BLOCKS CONCRETE	12x24		
	15x29		
	24x47		
	29x29		
BUILDING BLOCKS OAK	8x47		
BUILDING BLOCKS YAKEDO	8x47		
CABIN	6x24		
CABO	13x23	✓	✓
	13x13		
	17x17		
CADIZ	13x24	✓	✓
	16x16		
CAIRO	13x24	✓	✓
	16x16		
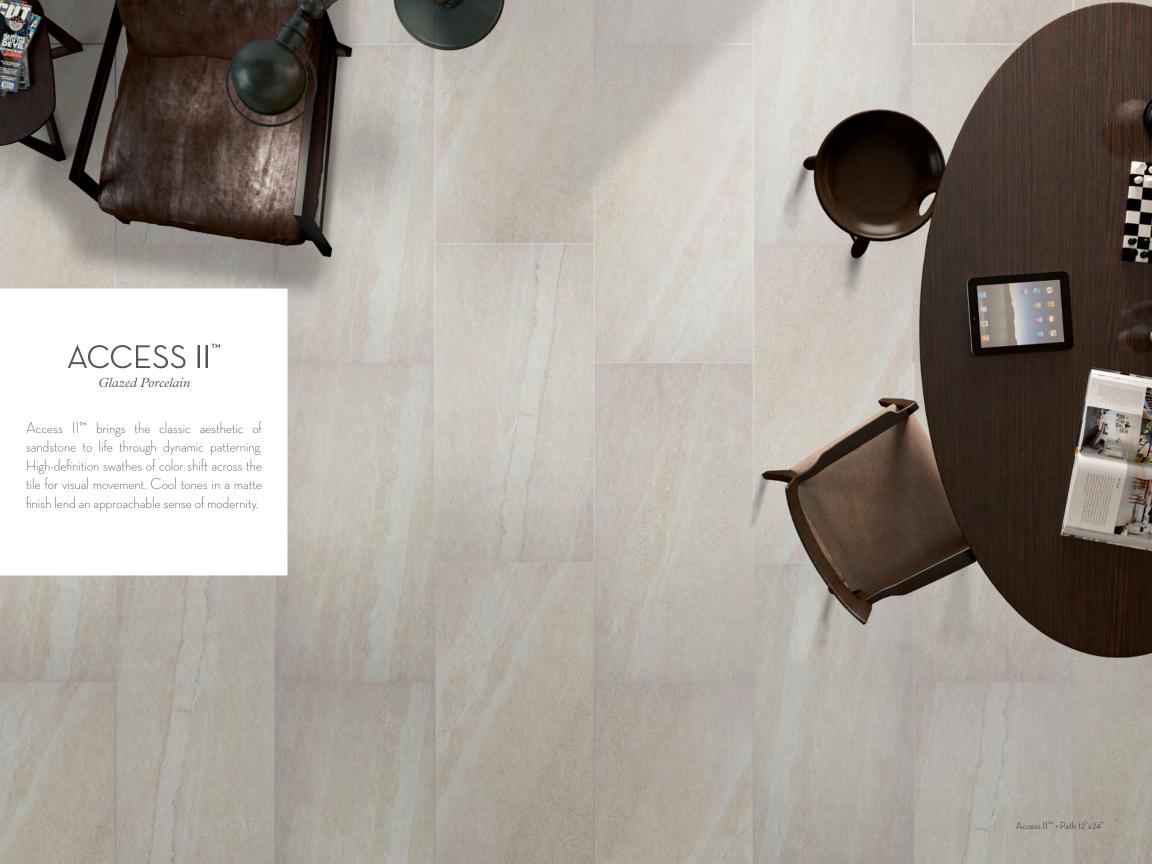
COLLECTION	SIZE	MOSAIC	TRIM
CASSERO II	12x24		✓
	24x47		
CHIADO II	12x24	✓	✓
CHRONICLE	12x24	✓	✓
CITIZEN	12x24	✓	✓
	24x24		
	24x48		
CIUDAD	12x24	✓	✓
CONTESSA	3x6	✓	✓
	11x23		
	12x24		
	13x13		
	18x18		
	23x23		
	24x24		
CORTIJO	18x18		
COSMOPOLITAN	12x24	✓	✓
	24x24		
COSTA	12x12	✓	✓
	13x23		
COUNCIL	12x24	✓	✓
	24x24		
DAROCA	12x24	✓	✓
	13x13		
	17x17		
DENOVA	9x36	✓	✓
	12x24		
DESIGN	9x9		
DOWNTOWN	6x35		
DUNHAM	12x23	✓	✓
	23x47		
ESPLANADE	11x23	✓	✓
	12x24		
	17x35		
EURASIA	12x24	✓	✓
EXPANSE	63x126		
EXPLORER	12x24	✓	✓
	13x13		

COLLECTION	SIZE	MOSAIC	TRIM
FACADE	12x24	✓	✓
	18x36		
GEOMETRY	10x10		
GIZA	12x24	✓	✓
	13x13		
	18x18		
HANGAR	12x23	✓	✓
	23x47		
	31x31		
	63x126		
HAVANA	12x12	✓	✓
	13x23		
	18x18		
HOLLYWOOD	8x47		
LARCHMONT	6x24		
	6x35		
LATITUDE	12x24	✓	✓
LEGACY	8x47		
MILESTONE	12x24	✓	✓
	24x47		
MOKUZAI II	8x35		
MOOD	12x23	✓	✓
	23x47		
MOTION	12x24	✓	✓
NETWORK	12x23		✓
	23x47		
	31x31		
	63x126		
NEWBERRY	4x8		✓
	8x8		
	8x16		
	10x11		
	16x16		
NEWPORT	12x24	✓	✓
NOSTALGIA	18x18		
NOVA	12x24	✓	✓
ORCHARD	8x47		
OUTPOST	12x24	✓	✓
	24x47		

COLLECTION	SIZE	MOSAIC	TRIM
PARQUET	20x20		
PIENZA	12x24	✓	✓
	24x24		
POCONO	6x24		
	6x36		
PORCH	6x47		
	8x47		
	12x47		
PORTO II	12x24	✓	✓
	24x24		
	32x32		
POTENZA	12x24	✓	✓
	13x13		
	18x18		
REALM II	12x24	✓	✓
	13x13		
	18x18		
REMINISCE	18x18		
RESERVA	12x24	✓	✓
	13x13		
	18x18		
RESIDENZA	12x24	✓	✓
RHAPSODY	13x13		
RHYTHM	11x13		
SANCTUARY II	9x36		
SANDSTORM	12x24	✓	✓
SEÑORA	18x18		
SILHOUETTE	12x24	✓	✓
STERLINA	12x24	✓	✓
	24x24		
	24x48		
STYLE II	12x24	✓	✓
	24x24		
	24x47		
	32x32		
SWEDEN	12x24	✓	✓
	24x24		
SWISS II	11x23	✓	✓
	12x23		
	24x47		
	32x32		

COLLECTION	SIZE	MOSAIC	TRIM
TECHNIQUE	12x24	✓	✓
TERAZIO	12x24		✓
	24x24		
TERRANE	12x24	✓	✓
TESOLA	12x12	✓	✓
	18x18		
THEORY	8x45		
THREAD II	12x25	✓	✓
TOLEDO	13x13	✓	✓
	17x17		
TOPANGA	12x12	✓	✓
	13x23		
	18x18		
TROVATA II	12x24	✓	✓
	13x13		
	21x21		
UDDO	8x24		
UPTOWN	12x24	✓	✓
	18x35		
	24x24		
	24x47		
VELOCITY	17x35		
VIRTUE	18x18		
XTRA	24x24		✓

PORCELAIN & CERAMIC
FLOOR TILE

ACCESS II™

Glazed Porcelain

Access II™ brings the classic aesthetic of sandstone to life through dynamic patterning. High-definition swathes of color shift across the tile for visual movement. Cool tones in a matte finish lend an approachable sense of modernity.

Access II™ • Path 12"x24"

4 Colors | 2 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 4 (24"x47")
16 (12"x24")

Path

Route

Tour

Voyage

All Colors Available in Sizes 24"x47", 12"x24"

Mosaics

Path 2"x2" on 12"x12" Mesh

Route 2"x2" on 12"x12" Mesh

Tour 2"x2" on 12"x12" Mesh

Voyage 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x47" - 10mm 12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x47" 23.62"x47.24" 12"x24" 11.81"x23.62" 12"x12" Mesh 11.73"x11.73" 3"x12" Floor SBN		**Results**	IV	>425 lbf	Resistant	<0.5%	>0.50	6	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

ACTION™
Glazed Body Match Porcelain

Action™ uses high-definition printing to recreate veincut marble in a modern color palette with a beautiful polished finish. All colors are available in a matte finish in our Motion™ series.

Action™ • Advance 11"x23"

Edge: Rectified
Finish: Polished
No. of faces: 24

Advance

Cue

All Colors Available in Size 11"x23"

The beauty of high gloss or polished products may be susceptible to scratching that is more visible on the surface of the tile.

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		11"x23" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
11"x23" 11.41"x23.23"	3"x23" Floor SBN		**Results**	V	> 500 lbf	Resistant	≤ .50%	< .42	7	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

ALBERO™

Glazed Ceramic

Albero™ skillfully incorporates the visual features of wood in glazed ceramic tile. Bringing to life the warmth and cozy feeling of natural wood, it is offered in natural earthy colors and a standard wood plank size.

Albero™ • Foresta 8"x24"

Edge: Pressed
Finish: Matte
No. of faces: 8

Bosco

Foresta

Pianta

Ramo

All Colors Available in Size 8"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x24" - 8.6mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x24" 7.95"x23.70"		Results	III	<250 lbf	Not Resistant	>7.0%	>0.45	7	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

ALPHA™

Glazed Ceramic

Alpha™ replicates the simple look of concrete in three colors and coordinating mosaics. A matte finish in various sizes enables flexible design solutions for floor and wall applications.

Alpha™ • Silver 12"x24"

3 Colors | 2 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 18 (13"x13")
9 (12"x24")

Silver

Ivory

Gray

All Colors Available in Sizes 13"x13", 12"x24"

Mosaics

Silver 2"x2" on 13"x13" Mesh

Ivory 2"x2" on 13"x13" Mesh

Gray 2"x2" on 13"x13" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness
		13"x13" - 8mm
		12"x24" - 11.2mm

13"x13"
13.07"x13.07"

12"x24"
11.81"x23.62"

13"x13" Mesh
13.11"x13.11"

3"x13"
Floor SBN

Technical Specifications

Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	≥ 250 lbf	Resistant	≤ 6.0%	≥ 0.42	6	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

ANGELES™

Glazed Porcelain

Angeles™ celebrates the beauty of nature using high-definition graphic technology to mimic the unique gradations and variances found in natural wood.

Angeles™ • Cliff 9"x47"

3 Colors | 1 Size

Edge: Pressed
Finish: Matte
No. of faces: 18

Apex

Cliff

Crest

All Colors Available in Size 9"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	9"x47" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
9"x47" 9.17"x47.24"		**Results**	III	$\geq$ 300 lbf	Resistant	$\leq$ .50%	$\geq$ .60	7	V3
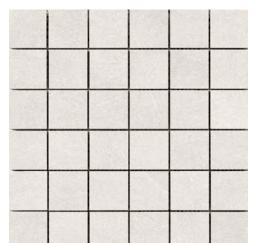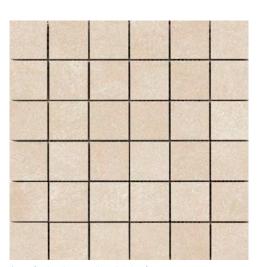
Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

ANTHEM™

Glazed Ceramic

Anthem™ embodies the minimalist effects of limestone with abstract movement in a durable ceramic tile. Exploring the boundaries of what limestone-like shading can evoke, Anthem's earthy tones result in a cool, contemporary surface.

Anthem™ • Gray 12"x12"

3 Colors | 3 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 8

White

Sand

Gray

All Colors Available in Sizes 18"x18", 13"x23", 12"x12"

Mosaics

White 2"x2" on 12"x12" Mesh

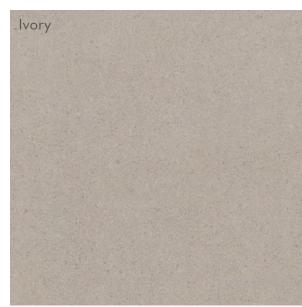Sand 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							

18"x18" 17.60"x17.60"	13"x23" 12.68"x22.56"	12"x12" 12.28"x12.28"	12"x12" Mesh 12.28"x12.28"	3"x12" Floor SBN

	18"x18" - 8.4mm
	13"x23" - 8.4mm
	12"x12" - 8mm

Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	≥ 250 lbf	Non-Resistant	> 5%	< .42	7	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

ARCHIVE™

Glazed Porcelain

Archive™ is inspired by the structural movement of veincut marble. Bold lines and color variation bring heightened contrast to draw in the eye. Available in a matte finish in our Chronicle™ series.

Archive™ • Memoir 11"x23"

2 Colors | 1 Size

Era

Memoir

All Colors Available in Size 11"x23"

Mosaics

Era 2"x2" on 12"x12" Mesh

Memoir 2"x2" on 12"x12" Mesh

The beauty of high gloss or polished products may be susceptible to scratching that is more visible on the surface of the tile.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	11"x23" - 9.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
11"x23" 11.42"x23.23" 12"x12" Mesh 11.69"x11.69" 3"x23" Floor SBN		Results	III	≥ 350 lbf	Resistant	≤ .50%	< .42	9	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

BARN™
Glazed Porcelain

Barn™ embraces the simple beauty of rustic, painted wood planks in rich, natural colors. Look beyond your floors by adding this series to your walls, creating a unique space.

Edge: Pressed
Finish: Matte
No. of faces: 8
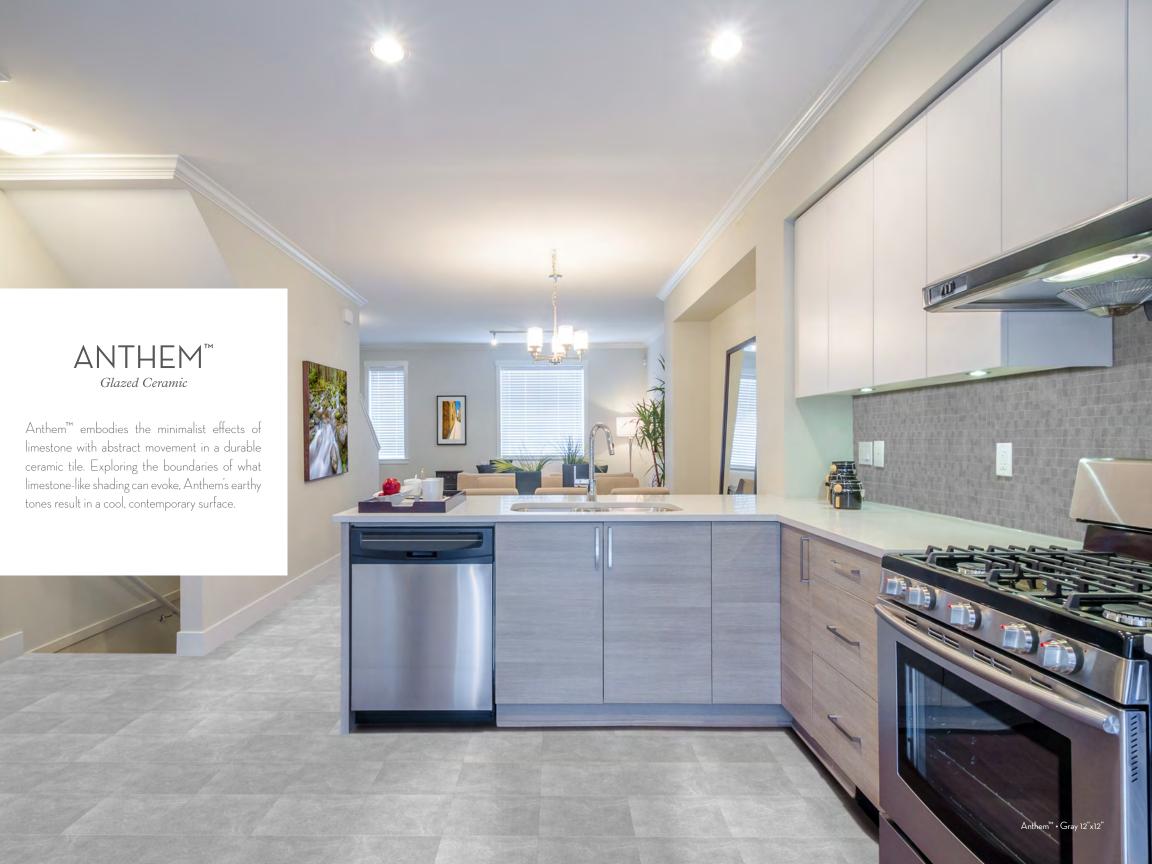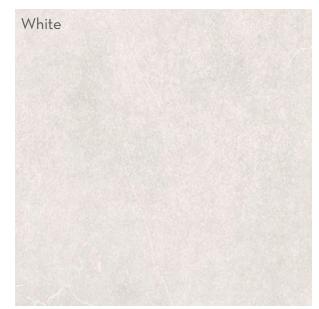
Field

Meadow

Prairie

All Colors Available in Size 6"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	6"x35" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
6"x35" 5.91"x35.43"		**Results**	IV	≥ 650 lbf	Resistant	≤ .50%	≥ .55	9	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

BAUHAUS
Glazed Porcelain

Bauhaus honors a design movement that continues to inspire today. The collection stresses the inherent beauty in geometry and simplicity, as well as the importance of quality materials. Subtle color gradiations draw the eye and create a unique visual experience, whether on walls or on floors.

Bauhaus™ • White, Krix, & Krix Corner 8 x8"

3 Colors | 5 Patterns | 2 Sizes

Edge: Rectified (8"x8")

Pressed (Hex)

Finish: Matte

No. of faces: 10 (8"x8")

10 (Plain Hex)

10 (Arrow Hex)

15 (Floral Hex)

White

Croix

Krix

Krix Corner

All Colors Available in Size 8"x8"

White

Silver

Gray

Arrow

Floral

All Hex Patterns Available in Size 9"x10"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		8"x8" - 8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x8" 7.87"x7.87"	9"x10" 9.06"x10.47"	9"x10" Hex - 9mm	**Results**	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: Check Website

Green Friendly: VOC None

BEACH HOUSE™
Glazed Porcelain

Beach House™ is an ode to the beautiful biodiversity of the sweeping Amazon rainforest. Coordinate this breath-taking series with Beach Wood™ for a distinct look and rich detail.

Beach House™, Beach Wood™ • Nasser 8"x34"

3 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 20

Erie

Nasser

Tahoe

All Colors Available in Size 8"x34"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x34" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x34" 8.15"x34.17"		**Results**	IV	≥ 550 lbf	Resistant	≤ .50%	≥ .55	7	V4

Grout joint recommendation: 3/16"

BEACH WOOD™

Glazed Porcelain

Beach Wood™ breathes life into contemporary surfaces in the form of wood look panels. Beach Wood™ consists of distinct wooden tones which evoke rich detail and texture across a variety of faces. Coordinate this series with Beach House™ for a distinct look and design.

Beach Wood™ · Nasser 8"x34"

FW | R | C | ID

Edge: Rectified
Finish: Matte
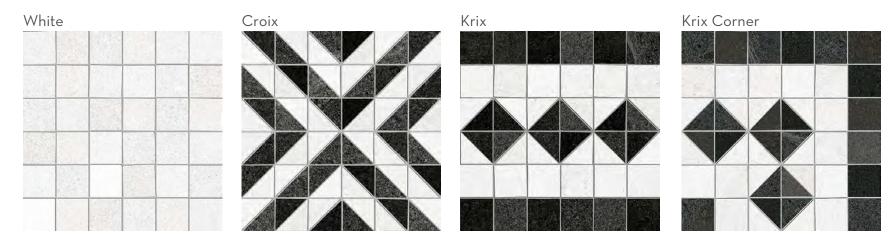**No. of faces:** 20

Erie

Nasser

Tahoe

All Colors Available in Size 8"x34"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x34" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x34" 8.15"x34.17"		**Results**	IV	$\geq$ 550 lbf	Resistant	$\leq$ .50%	$\geq$ .55	7	V4

Grout joint recommendation: 3/16"

Green Friendly: VOC None | Recycled Content 5% Pre-Consumer, 3% Post-Consumer

BLUE EMOTION™

Glazed Body Match Porcelain

Inspired by the dark and vivid look of Belgian bluestone, Blue Emotion™ offers cool gray color tones in trending sizes and mosaics. Combine with the flamed colors to achieve endless designs.

Edge: Rectified
Finish: Matte & Flamed
No. of faces: 56 (12"x24" Matte)
40 (12"x24" Flamed)
28 (18"x35")

Light

Gray

Dark

All Colors Available in Sizes 18"x35", 12"x24"

Gray Flamed

Flamed Color Available in Size 12"x24"

Mosaics

Light 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Dark 2"x2" on 12"x12" Mesh

Matte not recommended for all outdoor floor applications. Consult your installer.
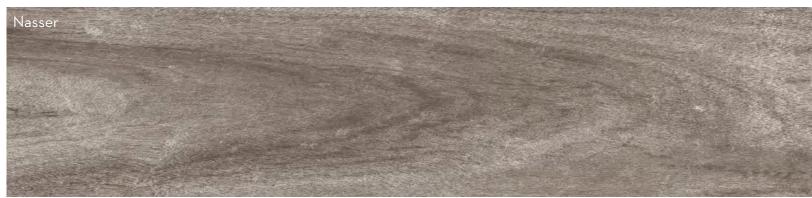
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Thickness	Technical Specifications							
18"x35" 17.72"x35.43"	12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN	18"x35" - 9mm 12"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
					Results	IV	$\geq$ 600 lbf	Resistant	$\leq$ .50%	$\geq$ .42 $\geq$ .60 Flamed	7	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

BORIGNI™

Glazed Body Match Porcelain

Borigni™ is a glazed body match porcelain with an industrial, urban aesthetic. Replicating the look of concrete in a variety of sizes, patterns and mosaics, Borigni™ provides a seamless look indoors to outdoors.

Borigni™ • Beige 35"x35"

4 Colors | 3 Sizes

BORIGNI™

Edge: Rectified
Finish: Matte
No. of faces: 10 (35"x35")
10 (18"x35" L)
10 (18"x35" R)
20 (12"x23")

White

Beige

Gray

Black

All Colors Available in Sizes 35"x35", 18"x35", 12"x23"

Diagonal Patterns & Mosaics
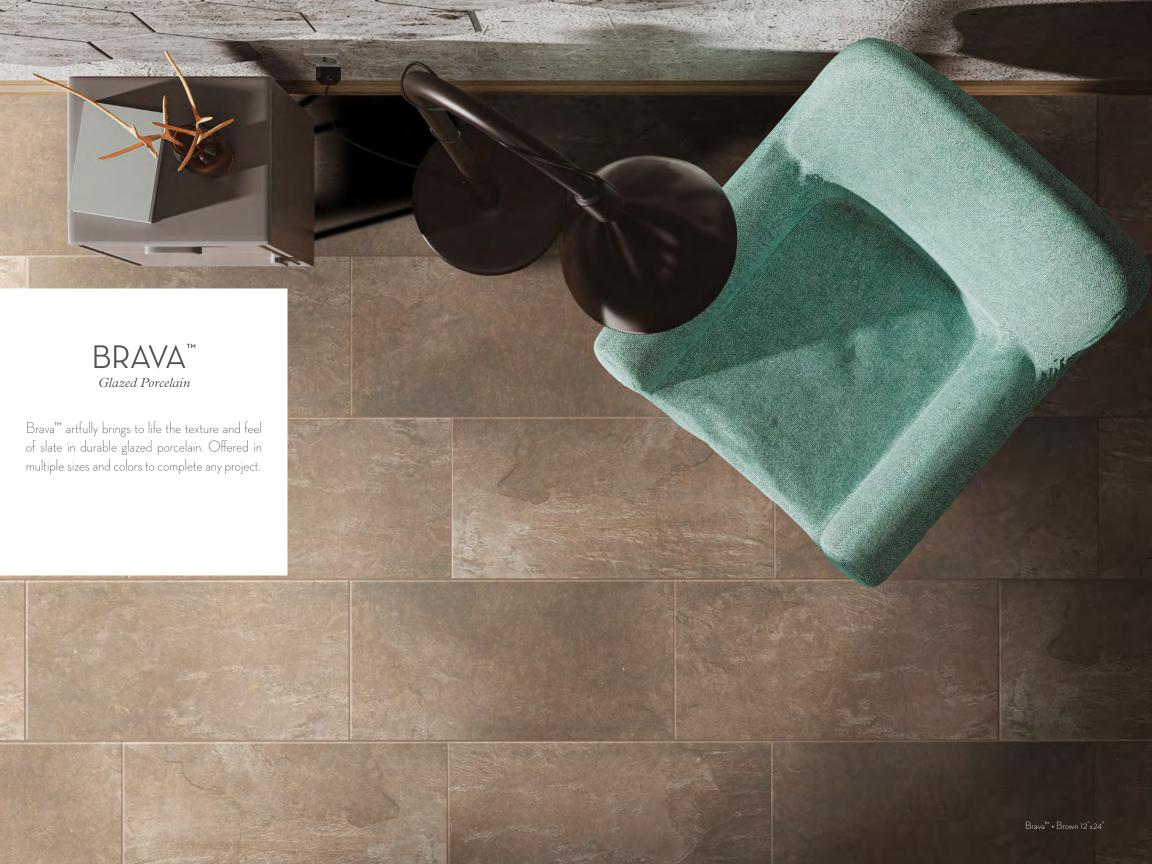
White 18"x35"

Beige 18"x35"

Gray 18"x35"

Black 18"x35"

White 2"x2" on 12"x12" Mesh

Beige 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Black 2"x2" on 12"x12" Mesh

All Diagonal Colors are Available in Left & Right

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

35"x35"
35.18"x35.18"

18"x35"
17.54"x35.15"

12"x23"
11.67"x23.43"

12"x12" Mesh
11.81"x11.81"

3"x12"
Floor SBN

6"x12"
Cove Base

1"x6"
Cove Base Corner Out

Thickness

35"x35" - 10mm
18"x35" - 10mm
12"x23" - 10mm

Technical Specifications

Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	≥ 250 lbf	Resistant	≤ .50%	> .55	5	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

BRAVA™

Glazed Porcelain

Brava™ artfully brings to life the texture and feel of slate in durable glazed porcelain. Offered in multiple sizes and colors to complete any project.

Brava™ • Brown 12"x24"

5 Colors | 2 Sizes
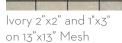
Edge: Pressed
Finish: Matte
No. of faces: 17 (13"x13")
11 (12"x24")

Ivory

Taupe

Brown

Silver

Carbon

All Colors Available in Sizes 13"x13", 12"x24"

Mosaics

Ivory 2"x2" and 1"x3"
on 13"x13" Mesh

Taupe 2"x2" and 1"x3"
on 13"x13" Mesh

Brown 2"x2" and 1"x3"
on 13"x13" Mesh

Silver 2"x2" and 1"x3"
on 13"x13" Mesh

Carbon 2"x2" and 1"x3"
on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	13"x13" - 8.5mm 12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
13"x13" 13.11"x13.11" 12"x24" 11.81"x23.62" 13"x13" Mesh 13"x13" Mesh 3"x13" Floor SBN		**Results**	IV	>325 lbf	Resistant	<0.5%	>0.45	8	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

BRIQUE™
Glazed Porcelain

What do you get when you take one of the world's oldest and humblest building materials and elevate it? Brique™! Consider for a statement wall in your kitchen or a durable statement floor sure to get compliments. Colors come in both cool and warm tones encouraging options for all tastes.

Brique™ • White 2"x10"

White

Silver

Gray

Cotto

All Colors Available in Size 2"x10"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	2"x10" - 8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
2"x10" 2.36"x9.84"		**Results**	Check Website	>400 lbf	Resistant	<0.5%	>0.65	6	V4

Grout joint recommendation: 3/16"

Green Friendly: VOC None

BUILDING BLOCKS™ CONCRETE

Glazed Body Match Porcelain

The Building Blocks™ Concrete line beautifully replicates the contemporary look of concrete while bringing in an added layer of warmth and sophistication. Designed to blend perfectly with other Building Blocks™ products, as well as the Back to Basics™ collection, this line provides endless design possibilities.

Building Blocks™ Concrete • Black & Mist 29"x29"

4 Colors | 4 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 16 (29"x29")
8 (24"x47")
32 (15"x29")
32 (12"x24")

Mist

Silver

Gray

Black

All Colors Available in Sizes 29"x29", 24"x47", 15"x29", 12"x24"

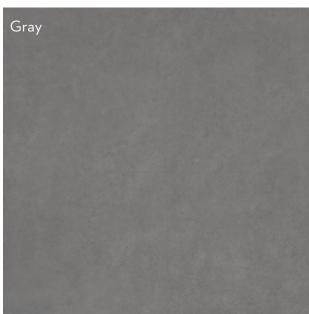| Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Thickness	Technical Specifications							
29"x29" 29.39"x29.39"	24"x47" 23.5"x47.09"	15"x29" 14.65"x29.39"	12"x24" 11.71"x23.5"	29"x29" - 10mm 24"x47" - 10mm 15"x29" - 10mm 12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
					Results	IV	>250 lbf	Resistant	<0.5%	>0.60	5	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

BUILDING BLOCKS™ WOOD | OAK
Glazed Porcelain

The Building Blocks™ Wood line provides the warmth and sophistication of wood in a durable porcelain tile. Designed to blend perfectly with other Building Blocks™ products, this line provides a stylized recreation of natural elements that create a harmonious blend of textures and sizes.

Building Blocks™ Wood • Oak 8"x47" & Concrete • Black 29"x29"

3 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 40

White

Sand

Gray

All Colors Available in Size 8"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x47" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x47" 7.78"x47.9"		**Results**	IV	>650 lbf	Resistant	<0.5%	>0.50	6	V2

Grout joint recommendation: Check Website

Green Friendly: VOC None

BUILDING BLOCKS™
WOOD | YAKEDO™
Glazed Body Match Porcelain

Yakedo™ beautifully replicates the trending look of burnt wood in a glazed porcelain plank tile. This creative collection will leave a lasting impression to any space.

Building Blocks™ Wood Yakedo™ • Black 8"x47"

5 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 36

Black

Navy

Charcoal

Silver

Ivory

All Colors Available in Size 8"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x47" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x47" 7.74"x46.85"		**Results**	II	>700 lbf	Resistant	<0.50%	>0.50	7	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

CABIN™

Glazed Porcelain

Cabin™ beautifully replicates the subtle look of wood in durable glazed porcelain tile. Offered in neutral earthy colors to compliment your space.

Cabin™ • Denali 6"x24"

4 Colors | 1 Size

Edge: Pressed
Finish: Matte
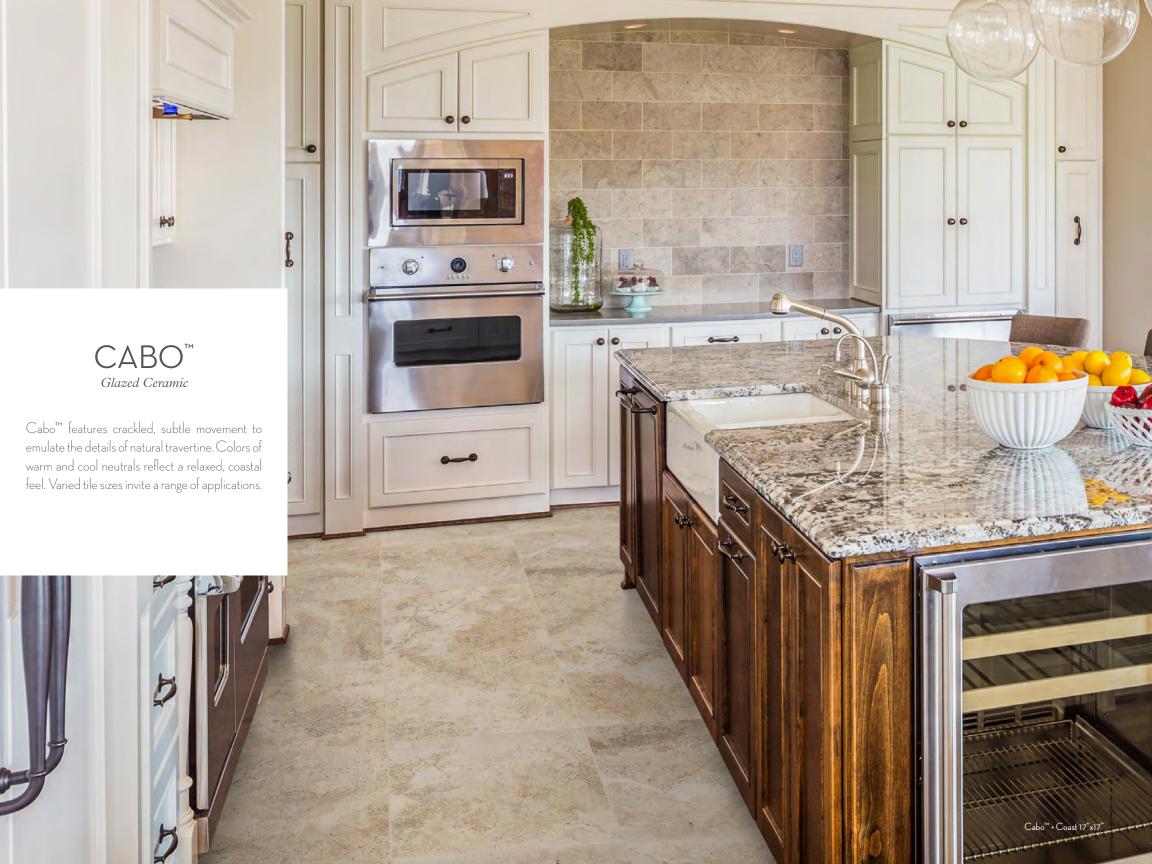**No. of faces:** 6

Denali

Sequoia

Yosemite

Zion

All Colors Available in Size 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	6"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
6"x24 5.91"x23.62"		**Results**	IV	>375 lbf	Resistant	<0.5%	>0.45	7	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

CABO™
Glazed Ceramic

Cabo™ features crackled, subtle movement to emulate the details of natural travertine. Colors of warm and cool neutrals reflect a relaxed, coastal feel. Varied tile sizes invite a range of applications.

Cabo™ • Coast 17"x17"

3 Colors | 3 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 20 (17"x17")
20 (13"x13")
8 (13"x23")

Shore

Coast

Ocean

All Colors Available in Sizes 17"x17", 13"x13", 13"x23"

Mosaics

Shore 2"x2" on 13"x13" Mesh
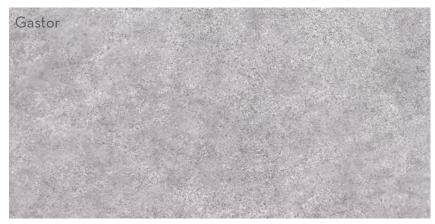
Coast 2"x2" on 13"x13" Mesh
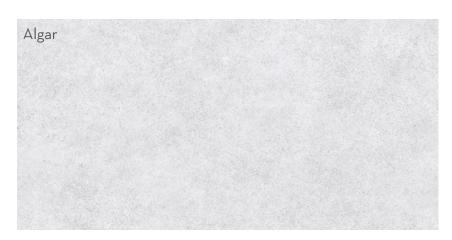
Ocean 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	17"x17" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
17"x17" 13"x13" 13"x23" 13"x13" Mesh 3"x13" Floor SBN	13"x13" - 8mm 13"x23" - 8.4mm	**Results**	IV	>450 lbf	Non-Resistant	≤ 7%	≥ .60	7	V2
17.26"x17.26" 13.07"x13.07" 12.68"x22.56" 13.11"x13.11"									

Grout joint recommendation: 3/16"

Green Friendly: VOC None

CADIZ™
Glazed Ceramic

Cadiz™ captures the look of stone in subtle detail. Complementary mosaics in each color provide multiple design options for your space.

Cadiz™ • Espera 16"x16"

3 Colors | 2 Sizes

Algar

Espera

Gastor

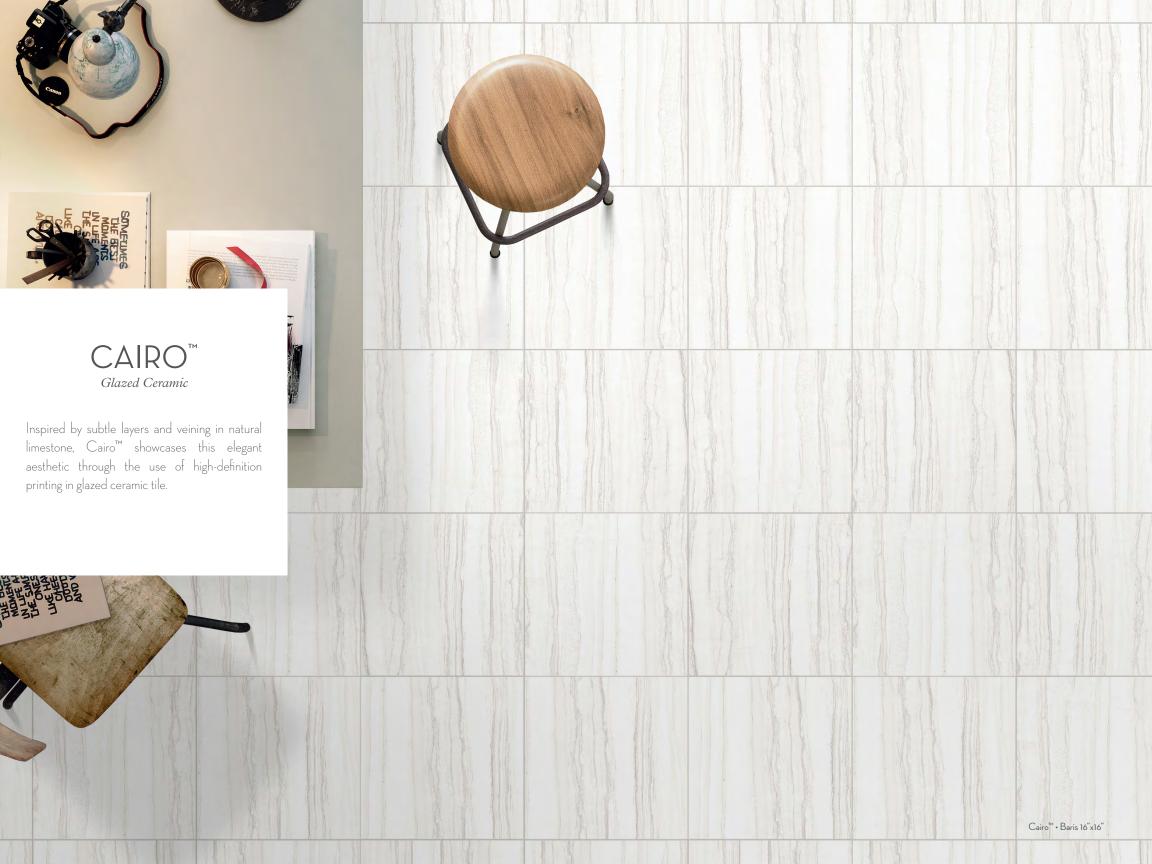All Colors Available in Sizes 16"x16", 13"x24"

Mosaics

Algar 2"x2" on 13"x13" Mesh

Espera 2"x2" on 13"x13" Mesh

Gastor 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	16"x16" - 8mm 13"x24" - 8.2mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
16"x16" 16.06"x16.06" 13"x24" 12.64"x24.29" 13"x13" Mesh 3"x13" Floor SBN		**Results**	III	<250 lbf	Resistant	>7.0%	≥0.65	9	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

CAIRO™

Glazed Ceramic

Inspired by subtle layers and veining in natural limestone, Cairo™ showcases this elegant aesthetic through the use of high-definition printing in glazed ceramic tile.

Cairo™ • Baris 16"x16"

Edge: Pressed
Finish: Matte
No. of faces: 12

Baris

Dakhla

Siwa

All Colors Available in Sizes 16"x16", 13"x24"

Mosaics

Baris 2"x2" on 13"x13" Mesh

Dakhla 2"x2" on 13"x13" Mesh

Siwa 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	16"x16" - 8mm 13"x24" - 8.2mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
16"x16" 16.06"x16.06" 13"x24" 12.72"x24.45" 13"x13" Mesh 3"x16" Floor SBN		Results	Check Website	<250 lbf	Not Resistant	>7.0%	Check Website	9	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

CASSERO II™

Glazed Porcelain

Cassero II™ offers a rustic and refined concrete linear texture in glazed porcelain. The matte finish is offered in colors complementing each other and is suitable for interior and exterior applications.

Cassero II™ • White 24"x47"

4 Colors | 2 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 16 (12"x24")
4 (24"x47")

White

Gray

Moka

Black
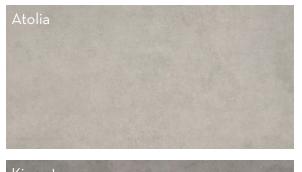
All Colors Available in Sizes 24"x47", 12"x24"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		24"x47" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		12"x24" - 10mm								
24"x47" 23.62"x47.24" / 12"x24" 11.81"x23.62" / 3"x12" Floor SBN			**Results**	IV	>450 lbf	Resistant	<0.5%	>0.55	6	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

CHIADO II™

Glazed Porcelain

Chiado II™ brings the subtlety of cement to new form in porcelain tile. Neutral tones result in a cool, contemporary surface to allow various applications and creative layouts.

Chiado II™ • Carson

5 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 12

Atolia

Carson

Jerome

Kismet

Loring

All Colors Available in Sizes 12"x24"

Mosaics

Atolia 2"x2" on 12"x12" Mesh

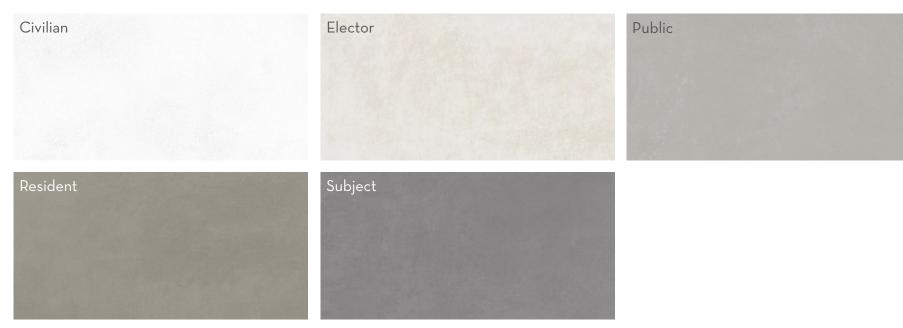Carson 2"x2" on 12"x12" Mesh

Jerome 2"x2" on 12"x12" Mesh

Kismet 2"x2" on 12"x12" Mesh

Loring 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x24" - 9mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62" 12"x12" Mesh 3"x12" Floor SBN		Results	III	>250 lbf	Resistant	<0.50%	>0.60	7	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: Recycled Content 0% Pre & Post-Consumer

CHRONICLE™

Glazed Porcelain

Chronicle™ is inspired by the universal luxury of veincut marble. Light-toned colors with high-definition variation complement any decor. Era and Memoir colors are available in a polished finish in our Archive™ series.

4 Colors | 1 Size

Edge: Pressed
Finish: Matte
No. of faces: 16

Era

Memoir

Record

Script

All Colors Available in Size 12"x24"

Mosaics

Era 2"x2" on 12"x12" Mesh

Memoir 2"x2" on 12"x12" Mesh

Record 2"x2" on 12"x12" Mesh

Script 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x24" - 9.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62" 12"x12" Mesh 11.69"x11.69" 3"x24" Floor SBN		**Results**	IV	≥ 850 lbf	Resistant	≤ .50%	≥ .60	7	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

CITIZEN™

Glazed Body Match Porcelain

In a return to form, Citizen™ embraces large format tiles and complementary mosaics. The timelessly classic concrete look is expressed through subtle brushed color variations of tans and grays. Visually arresting, Citizen™ achieves an unencumbered chic aesthetic on floors, walls, and a wide array of surfaces.

Citizen™ • Public 24"x24", Elector 12"x24"

5 Colors | 3 Sizes

Edge: Rectified
Finish: Matte & Lappato
No. of faces: 12 (24"x48")
15(24"x24")
30 (12"x24")

Civilian

Elector

Public

Resident

Subject
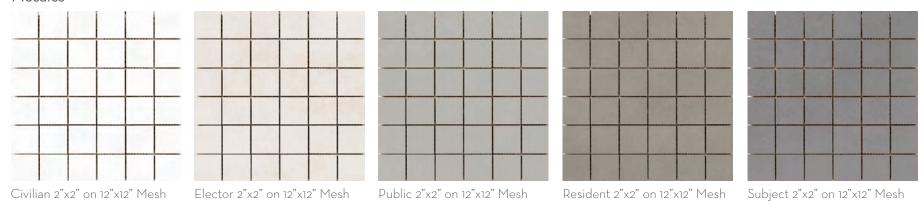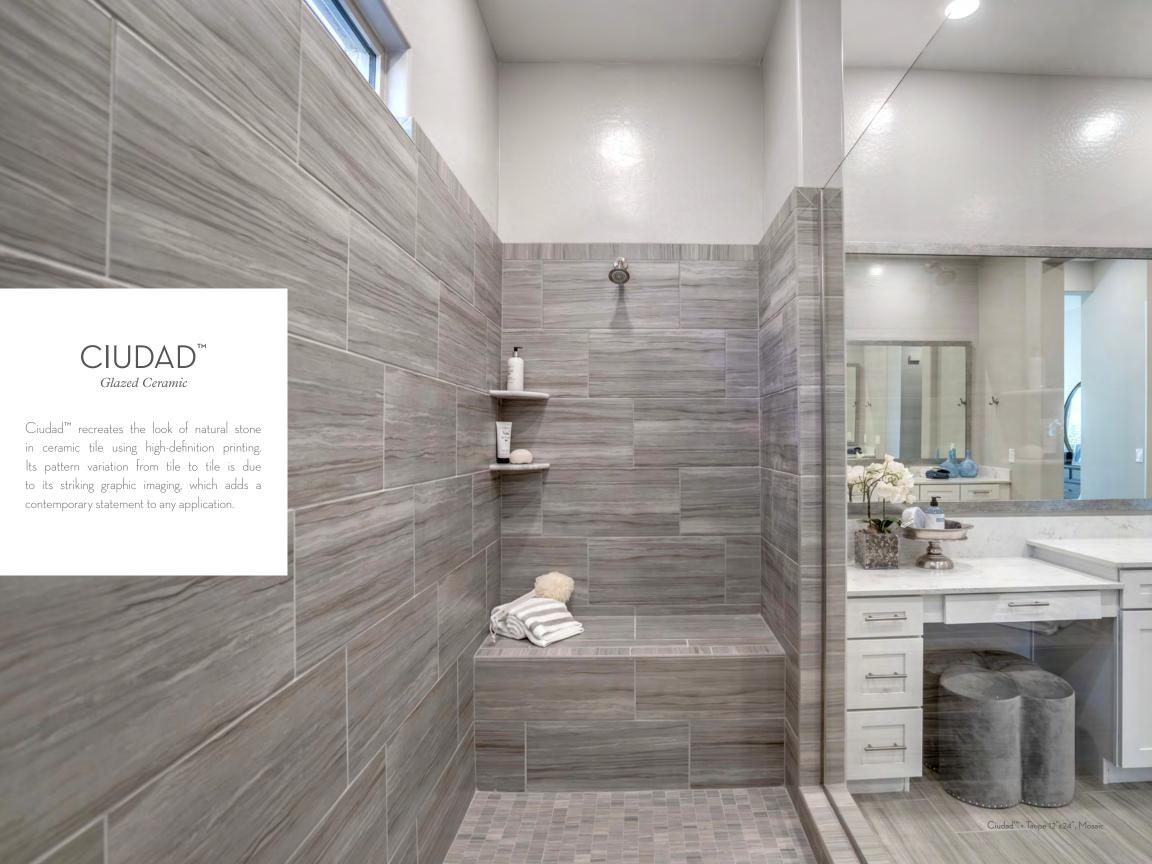
All Colors Available in Sizes 24"x48", 24"x24", 12"x24" | Available in Matte & Lappato Finish

Mosaics

Civilian 2"x2" on 12"x12" Mesh

Elector 2"x2" on 12"x12" Mesh

Public 2"x2" on 12"x12" Mesh

Resident 2"x2" on 12"x12" Mesh

Subject 2"x2" on 12"x12" Mesh

Mosaics Available in Matte Only

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
24"x48" 23.62"x47.24" 24"x24" 23.62"x23.62" 12"x24" 11.81"x23.62" 12"x12" Mesh 3"x12" Floor SBN 6"x12" Cove Base 1"x6" Cove Base Corner Out	24"x48" - 10mm 24"x24" - 10mm 12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	III	>500 lbf	Resistant	≤0.50%	≥0.65 (M) ≥0.50 (LP)	8	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

CIUDAD™

Glazed Ceramic

Ciudad™ recreates the look of natural stone in ceramic tile using high-definition printing. Its pattern variation from tile to tile is due to its striking graphic imaging, which adds a contemporary statement to any application.

Ciudad™ • Taupe 12"x24", Mosaic

Edge: Pressed
Finish: Matte
No. of faces: 12

Ash

Cream

Taupe

Gray

All Colors Available in Size 12"x24"

Mosaics

Ash 2"x2" on 12"x12" Mesh

Cream 2"x2" on 12"x12" Mesh

Taupe 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		12"x24" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62" — 12"x12" Mesh 11.82"x11.82" — 3"x12" Floor SBN			**Results**	III	> 450 lbf	Non-Resistant	≤ 7%	≥ .42	7	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

CONTESSA™

Glazed Porcelain

Pure, simple, relaxing, Contessa™ is a true jewel adding timeless style to any space. Inspired by the exquisite veining in marble, this line is offered in multiple sizes.

FW R C ID OD

Dama

Oro

Edge: Pressed & Rectified
Finish: Matte & Polished
No. of faces: 10 (24"x24")
10 (23"x23")
9 (18"x18")
10 (13"x13")
20 (12"x24")
20 (11"x23")
>100 (3"x6")

All Colors Available in Sizes 24"x24", 18"x18", 13"x13", 12"x24", 3"x6" | Matte Finish

All Colors Available in Sizes 23"x23", 11"x23", 3"x6" | Polished Finish

Mosaic

Dama 2"x2" on 13"x13" Mesh

Oro 2"x2" on 13"x13" Mesh

Dama Herringbone on Mesh

Oro Herringbone on Mesh

All Mosaics Available in Matte Finish

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications						
		24"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		23"x23" - 10mm								
		18"x18" - 8.6mm	**Results**	IV	≥250 lbf	Resistant	≤0.5%	≥0.50	7	V2
		13"x13" - 7.8mm								
		12"x24" - 9mm								

24"x24"
23.82"x23.82"

23"x23"
23.43"x23.43"

18"x18"
17.72"x17.72"

13"x13"
12.99"x12.99"

12"x24"
11.81"x23.62"

11"x23"
11.22"x23.23"

3"x6"
2.95"x5.91"

13"x13" Mesh
12.60"x12.60"

Herringbone Mesh

3"x13" (M)
Floor SBN

3"x11" (P)
Floor SBN

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 0% Post-Consumer

CORTIJO™

Glazed Ceramic

The style and name of Cortijo™ is derived from courtyards in the south of Spain. The unique scored design of this 18x18 ceramic floor and wall tile provides the illusion of multiple tiles, but installs with the ease of one. The cool color tone and hexagon styling fits well with both traditional and contemporary designs.

Cortijo™ • Octagon Gray 18"x18"

FWR ID

CORTIJO™

Edge: Pressed
Finish: Matte
No. of faces: Check Website

Bianco

Octagon Gray

Octagon Chocolate

Scored Tile

- Pre-scoring provides a consistent design and easy installation.
- Apply grout directly over the scored tile lines.
- Scored lines have a grout width of 1/16".
- Gives the impression of a 9"x9" tile install.
- Great for walls and backsplash applications!

All Colors Available in Size 18"x18" Scored Tile

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.72"x17.72"		**Results**	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: Check Website

Green Friendly: VOC None

COSMOPOLITAN™

Glazed Porcelain

Cosmopolitan™ is an artful recreation of brushed concrete. Rich colors elevate urban living with modern sensibility. An approachable matte finish allows the collection to complement a range of aesthetics.

Cosmopolitan™ • Steel 12"x24"
33% Offset installation is recommended

4 Colors | 2 Sizes

Crystal

Ecru

Steel

Charcoal

All Colors Available in Size 24"x24", 12"x24"

Mosaics

Crystal 2"x2" on 13"x13" Mesh

Ecru 2"x2" on 13"x13" Mesh

Steel 2"x2" on 13"x13" Mesh

Charcoal 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x24" - Check Website 12"x24" - 9.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x24" 12"x24" 11.81"x23.62" 13"x13" Mesh 13"x13" 3"x12" Floor SBN		**Results**	IV	≥250 lbf	Resistant	≤ .50%	≥ .60	7	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

COSTA™

Glazed Ceramic

Costa™ replicates the look of natural stone in glazed ceramic tile. Its subtle patterns and neutral colors will coordinate well with any space.

3 Colors | 2 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 8

White

Sand

Gray

All Colors Available in Sizes 13"x23", 12"x12"
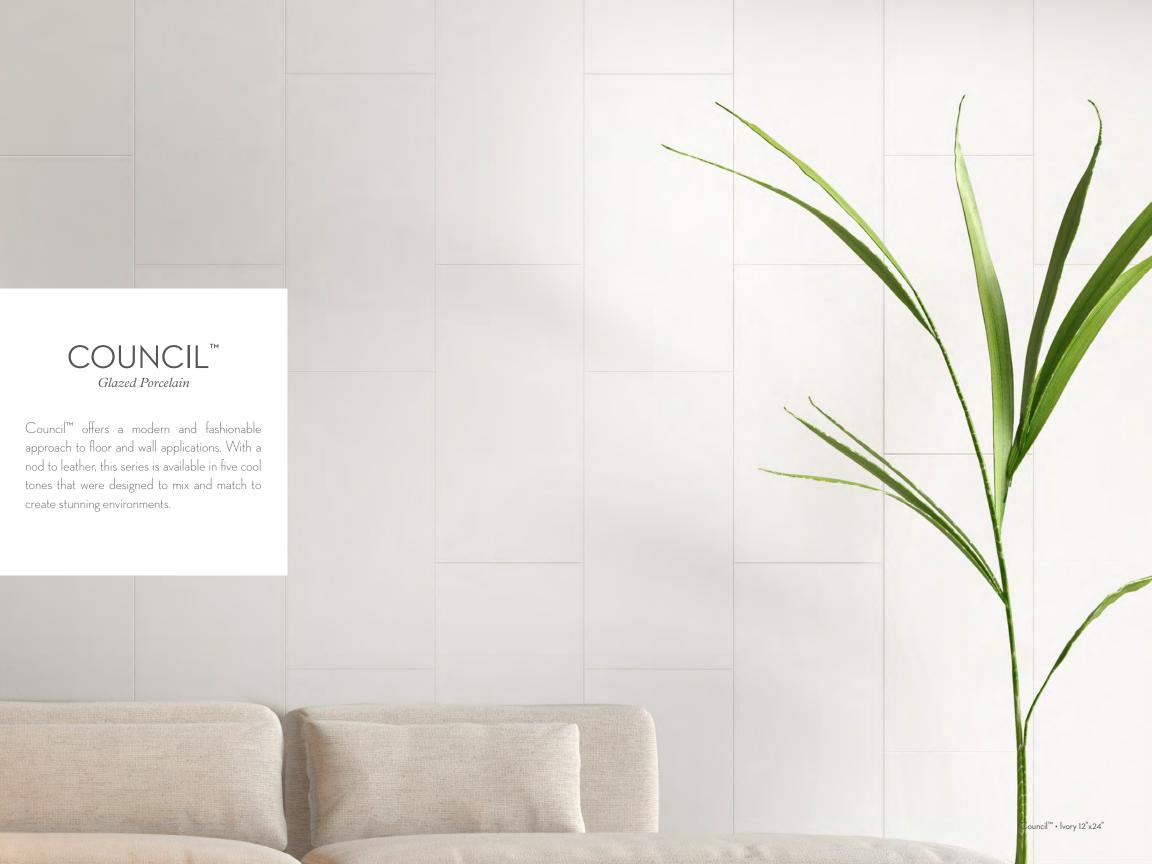
Mosaics

White 2"x2" on 12"x12" Mesh

Sand 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		13"x23" - 8.4mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		12"x12" - 8mm	**Results**	III	≥ 250 lbf	Non-Resistant	≤ 5%	Check Website	6	V2

13"x23"
12.68"x22.56"

12"x12"
12.28"x12.28"

12"x12" Mesh
12.28"x12.28"

3"x12"
Floor SBN

Grout joint recommendation: 3/16"

Green Friendly: VOC None

COUNCIL™

Glazed Porcelain

Council™ offers a modern and fashionable approach to floor and wall applications. With a nod to leather, this series is available in five cool tones that were designed to mix and match to create stunning environments.

Council™ • Ivory 12"x24"

5 Colors | 2 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 6/2 Textures (24"x24")
12/3 Textures (12"x24")
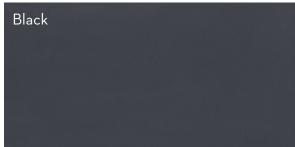
Ivory

Silver

Gray

Olive

Black

All Colors Available in Sizes 24"x24", 12"x24"
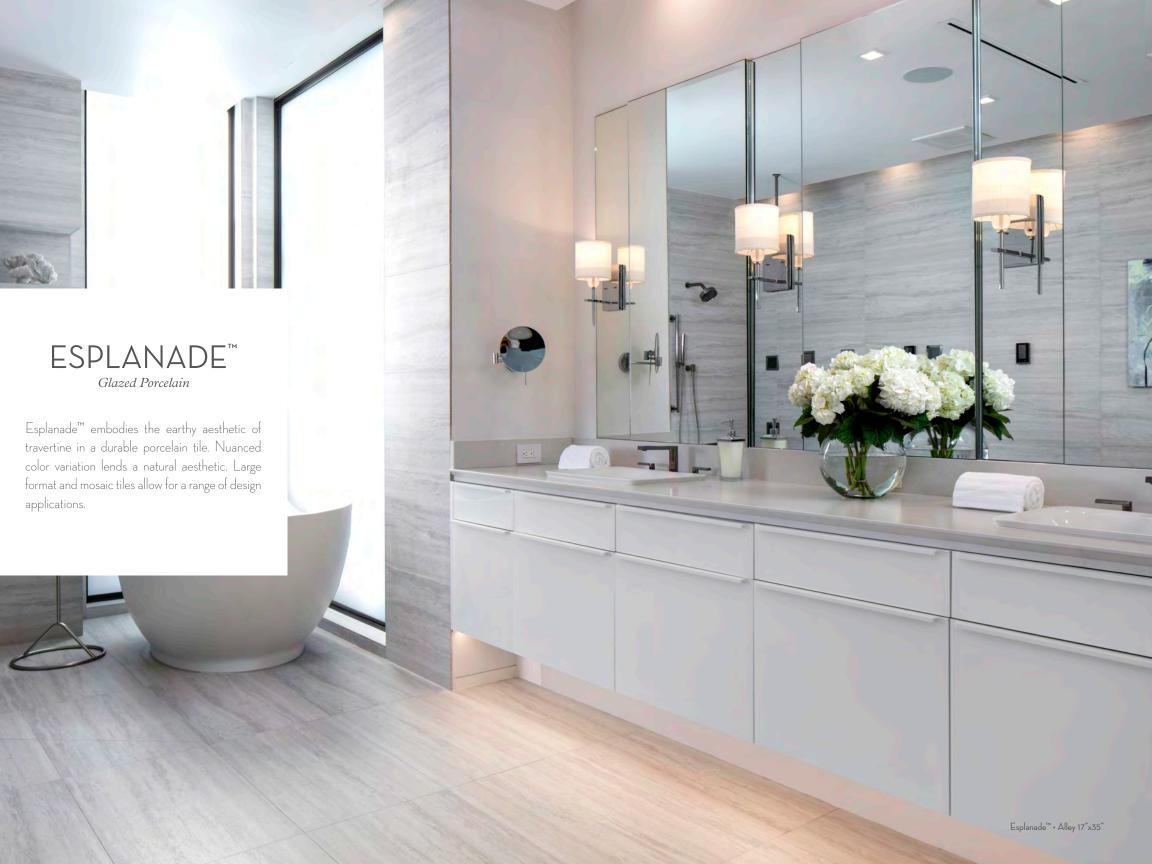
Mosaics

Ivory 2"x2" on 12"x12" Mesh

Silver 2"x2" on 12"x12" Mesh
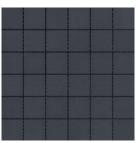
Gray 2"x2" on 12"x12" Mesh

Olive 2"x2" on 12"x12" Mesh

Black 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x24" - 8mm 12"x24" - 8.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	IV	>385 lbf	Resistant	<0.5%	>0.60	7	V1

24"x24"
23.62"x23.62"

12"x24"
11.81"x23.62"

12"x12" Mesh
12.28"x12.28"

3"x12"
Floor SBN

6"x12"
Cove Base

1"x6"
Cove Base Corner Out

Grout joint recommendation: 1/8"

Green Friendly: VOC None

DAROCA™

Glazed Porcelain

Daroca™ brings the warmth of nature into a modern porcelain tile. Inspired by the look of travertine in warm and cool tones, Daroca™ is ideal for any application.

Daroca™ • Atar 12"x24"
33% offset installation is recommended.

4 Colors | 3 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 20

Atar

Nador

Tripoli

Zilla

All Colors Available in Sizes 17"x17", 13"x13", 12"x24"

Mosaics

Atar 2"x2" on
13"x13" Mesh

Nador 2"x2" on
13"x13" Mesh

Tripoli 2"x2" on
13"x13" Mesh

Zilla 2"x2" on
13"x13" Mesh

Atar 3"x6" on
12"x12" Mesh

Nador 3"x6" on
12"x12" Mesh

Tripoli 3"x6" on
12"x12" Mesh

Zilla 3"x6" on
12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications						
	17"x17" - 8.5mm 13"x13" - 8mm 12"x24" - 9mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
17"x17" 16.73"x16.73" 13"x13" 12.99"x12.99" 12"x24" 12.20"x24.02" 13"x13" Mesh 12"x12" Mesh 3"x13" Floor SBN		Results	III	>450 lbf	Resistant	<0.5%	>0.50	8	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

DENOVA™
Glazed Porcelain

Denova™ replicates the look of concrete with cool tones and a brushed linear texture. Available in four colors

4 Colors | 2 Sizes

FW W R C ID OD

DENOVA™

Edge: Pressed
Finish: Matte
No. of faces: 12

Astoria

Harlem

Soho

Tribeca

All Colors Available in Sizes 12"x24", 9"x36"

Mosaics

Astoria 2"x2" on 12"x12" Mesh

Harlem 2"x2" on 12"x12" Mesh

Soho 2"x2" on 12"x12" Mesh

Tribeca 2"x2" on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

12"x24"
12.01"x24.02"

9"x36"
8.96"x36.02"

12"x12" Mesh

3"x12"
Floor SBN

Thickness
12"x24" - 8.2mm
9"x36" - 9.2mm

Technical Specifications							
Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	>325 lbf	Resistant	<0.5%	>0.42	7	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 40% Pre-Consumer

DESIGN™

Glazed Porcelain

Design™ is an eclectic collection of unique patterns from a distressed look with a contemporary flair to geometric patterns, offering a wide range of solutions to any space.

Design™ • Outline 9"x9"

FW W R C ID OD

DESIGN™

Diagram Mural Outline Portrait Sketch

All Patterns Available in Size 9"x9"

Art

Available in Size 9"x9"

Art has 18 patterns, intended for random installations or accent pieces.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	9"x9" - 8.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
9"x9" 9.17"x9.17"		**Results**	IV	≥ 700 lbf	Resistant	≤ .50%	≥ .60	7	V1

Grout joint recommendation: 1/16" | Always consult a professional installer for proper usage outdoors.   Green Friendly: VOC None

DOWNTOWN™

Glazed Porcelain

Cool, modern and upbeat, Downtown™ skids onto the scene with trendsetting modern design achieved using high-definition printing.

Downtown™ • Hill 6"x35"

3 Colors | 1 Size

Broadway

Central

Hill

All Colors Available in Size 6"x35"

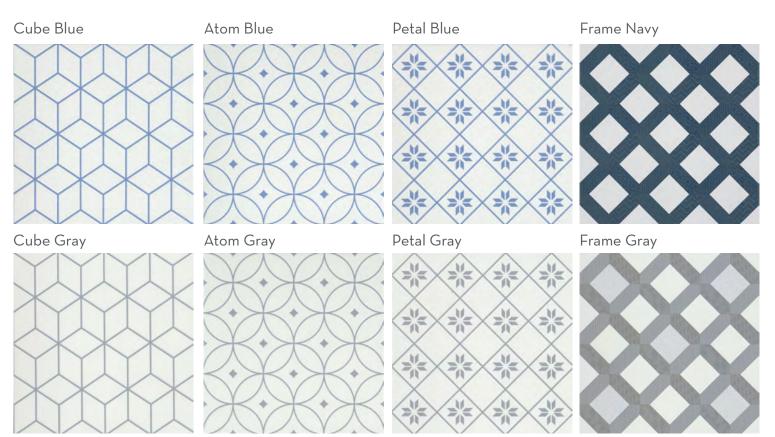| Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	6"x35" - 11mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
6"x35" 5.71"x35.04"		**Results**	III	≥ 850 lbf	Resistant	≤ .50%	≥ .50	7	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

DUNHAM™

Glazed Porcelain

Dunham™ is inspired by the timeless look of Italian menswear. Dashing chevron and linear patterns bring geometric movement, while neutral, textured designs serve minimalist styles.

Dunham™ • Orcha and Shiraz 12"x23"

Bukhara

Orcha

Rajmata

Shiraz

All Colors Available in Sizes 12"x23"

Chevron

Available in Size 23"x47"

Pattern

Available in Size 12"x23"

Mosaics

Bukhara 2"x2" on 12"x12" Mesh

Orcha 2"x2" on 12"x12" Mesh

Rajmata 2"x2" on 12"x12" Mesh

Shiraz 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	23"x47" - 10.5mm 12"x23" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
23"x47" 23.43"x46.93" 12"x23" 11.60"x23.43" 12"x12" Mesh 11.65"x11.65" 3"x12" Floor SBN		**Results**	V	≥ 500 lbf	Resistant	≤ .50%	≥ .45	9	V1

Grout joint recommendation: 1/8" & 1/16" for Chevron Pattern

Green Friendly: VOC None | Recycled Content ≥8% Pre-Consumer

ESPLANADE™

Glazed Porcelain

Esplanade™ embodies the earthy aesthetic of travertine in a durable porcelain tile. Nuanced color variation lends a natural aesthetic. Large format and mosaic tiles allow for a range of design applications.

Esplanade™ • Alley 17"x35"

4 Colors | 3 Sizes

ESPLANADE™

Edge: Pressed (Matte)
Rectified (Polished)
Finish: Matte & Polished
No. of faces: 5 (17"x35")
16 (11"x23")
16 (12"x24")

Alley

Hall

Pass

Trail

All Colors Available in Sizes 17"x35" (Matte), 12"x24" (Matte), 11"x23" (Polished)

Mosaics

Alley 2"x2" on 12"x12" Mesh

Hall 2"x2" on 12"x12" Mesh


Pass 2"x2" on 12"x12" Mesh

Trail 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	17"x35" - 11mm 12"x24" - 9.8mm 11"x23" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
17"x35" 17.40"x35.01" 12"x24" 11.81"x23.62" 11"x23" 11.42"x23.23" 12"x12" Mesh 11.81"x11.81" 3"x12" (M) Floor SBN 3"x11" (P) Floor SBN		**Results**	III	≥ 600 lbf	Resistant	≤ .50%	≥ .60	9	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

EURASIA™

Glazed Porcelain

Eurasia™ interprets the dramatic design statement of imported stone through striking graphic imagery. Layered segments of tonal neutrals bring visual depth and flair. A timeless color palette allows for a range of applications.

5 Colors | 1 Size

EURASIA™

Edge: Pressed
Finish: Matte
No. of faces: 8

Bianco

Cafe

Chiara

Grigio

Noce

All Colors Available in Size 12"x24"

Mosaics

Bianco 2"x4" Offset
on 13"x13" Mesh

Cafe 2"x4" Offset
on 13"x13" Mesh

Chiara 2"x4" Offset
on 13"x13" Mesh

Grigio 2"x4" Offset
on 13"x13" Mesh
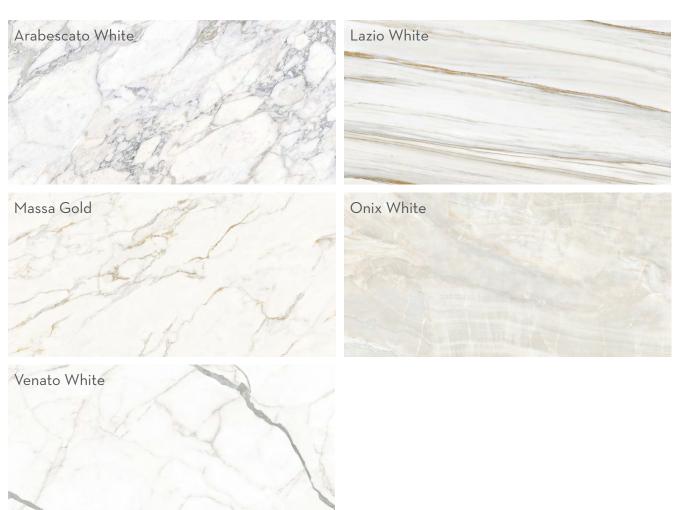
Noce 2"x4" Offset
on 13"x13" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		12"x24" - 9.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.80"x23.60" 13"x13" Mesh 12.69"x12.69" 3"x12" Floor SBN			**Results**	V	≥ 350 lbf	Resistant	≤.50%	>0.42	7	V3
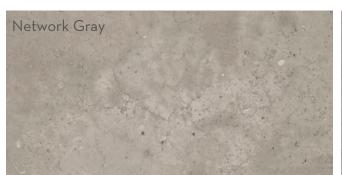
Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

EXPANSE™

Glazed & Thin Tile Porcelain

The flexibility of Expanse™ gives an elegant look to surfaces for commercial and residential interior and exterior installations. This beautiful and unique large format tile offers a seamless look to floors and walls.

Expanse™ • Massa 63"x126"

11 Colors | 1 Size

Arabescato White

Lazio White

Massa Gold

Onix White

Venato White

All Colors Available in Size 63"x126"

Sizes & Trim		Thickness	Technical Specifications							
		63"x126" - 6.5mm	**Test Method**	Deep Abrasion Resistance C1243	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
63"x126" 62.91"x125.91"			**Results**	1	≥ 250 lbf	Resistant	≤ .5%	M ≥ .60 P < .42	6	V1-V2

Grout joint recommendation: 1/8"

EXPANSE™
Glazed & Thin Tile Porcelain

The flexibility of Expanse™ gives an elegant look to surfaces for commercial and residential interior and exterior installations. This beautiful and unique large format tile offers a seamless look to floors and walls.

Expanse™ • Network Taupe 63"x126"

FW R C ID

EXPANSE™

Network Gray

Network Silver

Network Taupe

Network White

Hangar Ash

Hangar Smoke

All Colors Available in Size 63"x126"
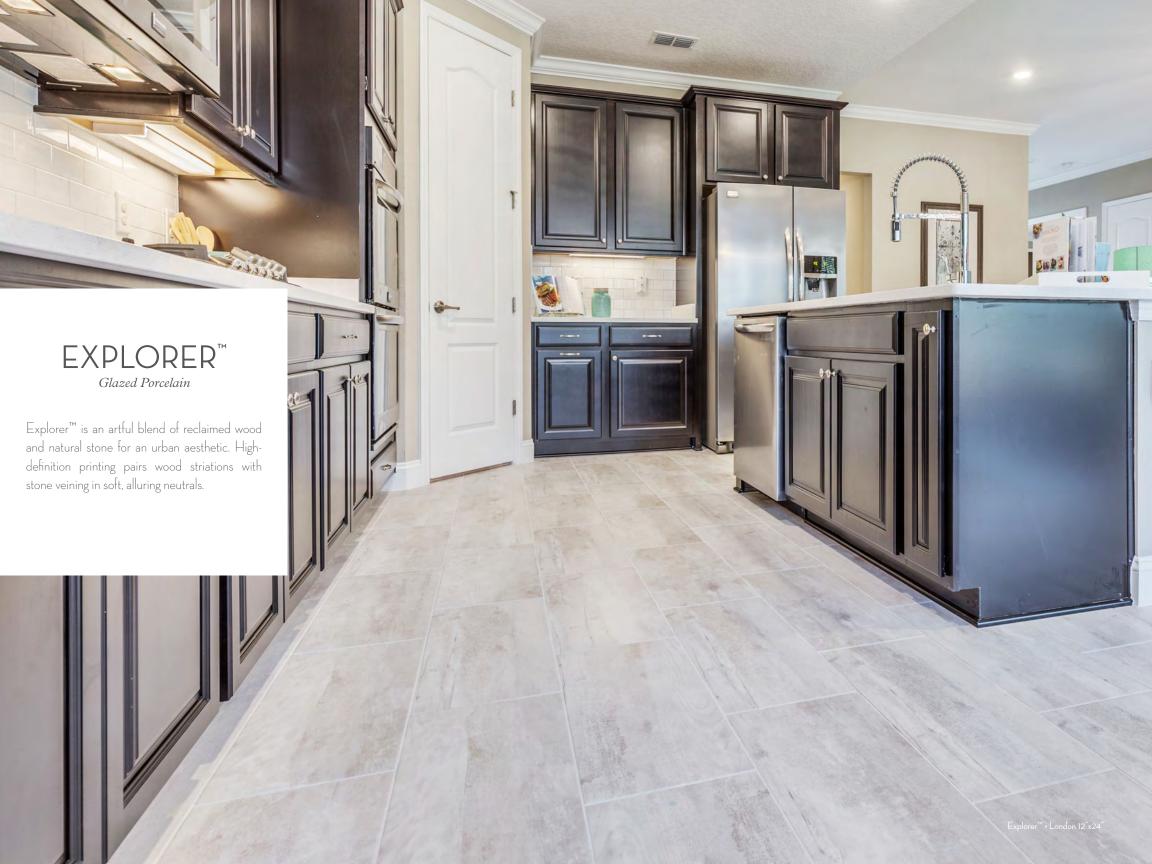
Sizes & Trim	Thickness	Technical Specifications							
	Network - 6mm Hangar - 7mm	**Test Method**	Deep Abrasion Resistance C1243	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
63"x126" 62.85"x125.79"		**Results**	1	$\geq$ 250 lbf	Resistant	$\leq$ .5%	M $\geq$ .60 P < .42	6	V1-V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None | Recycled content varies by color, please check website for updated information.

EXPLORER™

Glazed Porcelain

Explorer™ is an artful blend of reclaimed wood and natural stone for an urban aesthetic. High-definition printing pairs wood striations with stone veining in soft, alluring neutrals.

Explorer™ • London 12"x24"

4 Colors | 2 Sizes

Milan

London

Barcelona

Paris

All Colors Available in Sizes 13"x13", 12"x24"

Mosaics

Milan 2"x2" on 13"x13" Mesh

London 2"x2" on 13"x13" Mesh
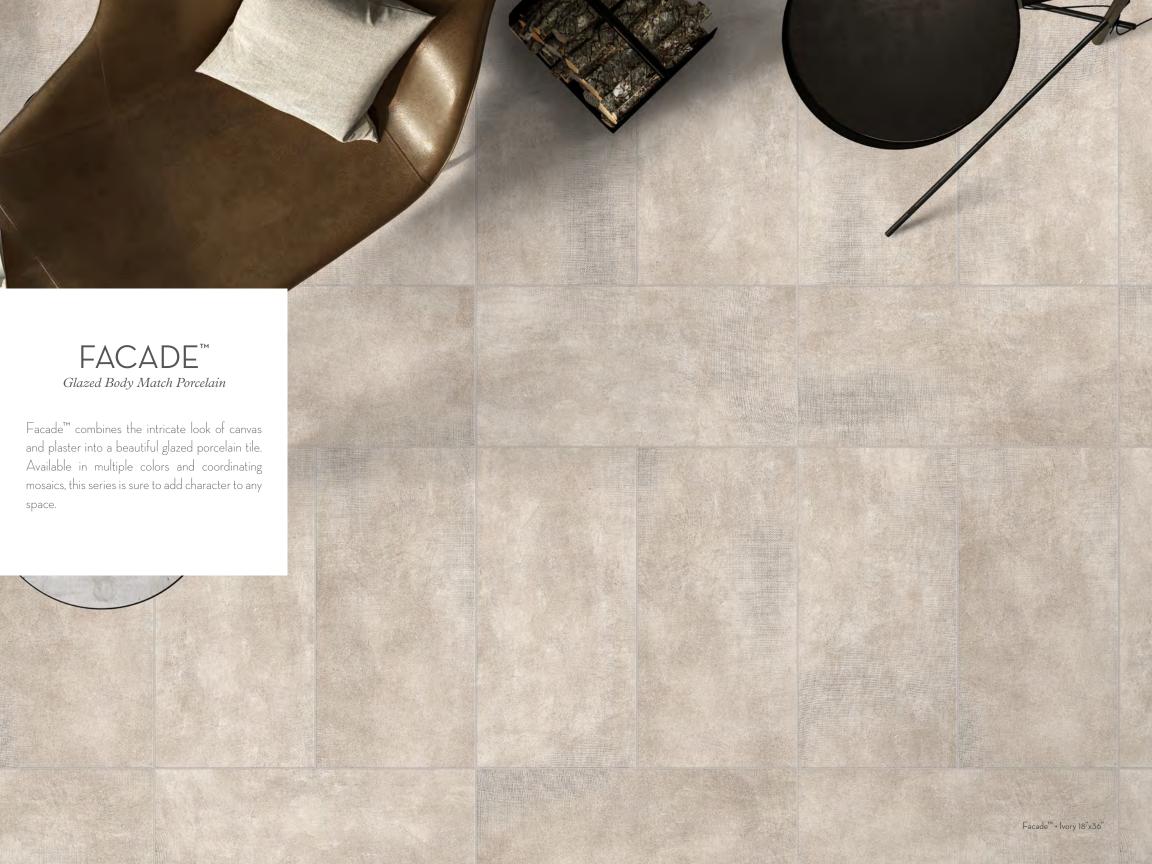
Barcelona 2"x2" on 13"x13" Mesh

Paris 2"x2" on 13"x13" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		13"x13" - 8mm 12"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
13"x13" 12.99"x12.99" 12"x24" 11.81"x23.62" 13"x13" Mesh 12.60"x12.60" 3"x13" Floor SBN			**Results**	IV	$\geq$ 300 lbf	Resistant	$\leq$ .50%	$\geq$ .60	7	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly, VOC None | Recycled Content 0% Pre-Consumer

FACADE™

Glazed Body Match Porcelain

Facade™ combines the intricate look of canvas and plaster into a beautiful glazed porcelain tile. Available in multiple colors and coordinating mosaics, this series is sure to add character to any space.

Facade™ • Ivory 18"x36"

5 Colors | 2 Sizes

White

Ivory

Gray

Taupe

Graphite
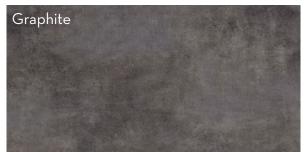
All Colors Available in Sizes 18"x36", 12"x24"

## Mosaics

White 2"x2" on 12"x12" Mesh

Ivory 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Taupe 2"x2" on 12"x12" Mesh

Graphite 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Thickness	Technical Specifications							
18"x36" 17.91"x35.83"	12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN	18"x36" - 10.5mm 12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
					Results	III	≥ 250 lbf	Resistant	≤ .50%	≥ .45	6	V1

Grout joint recommendation: 1/8"

Green Friendly: VOC None

GEOMETRY™
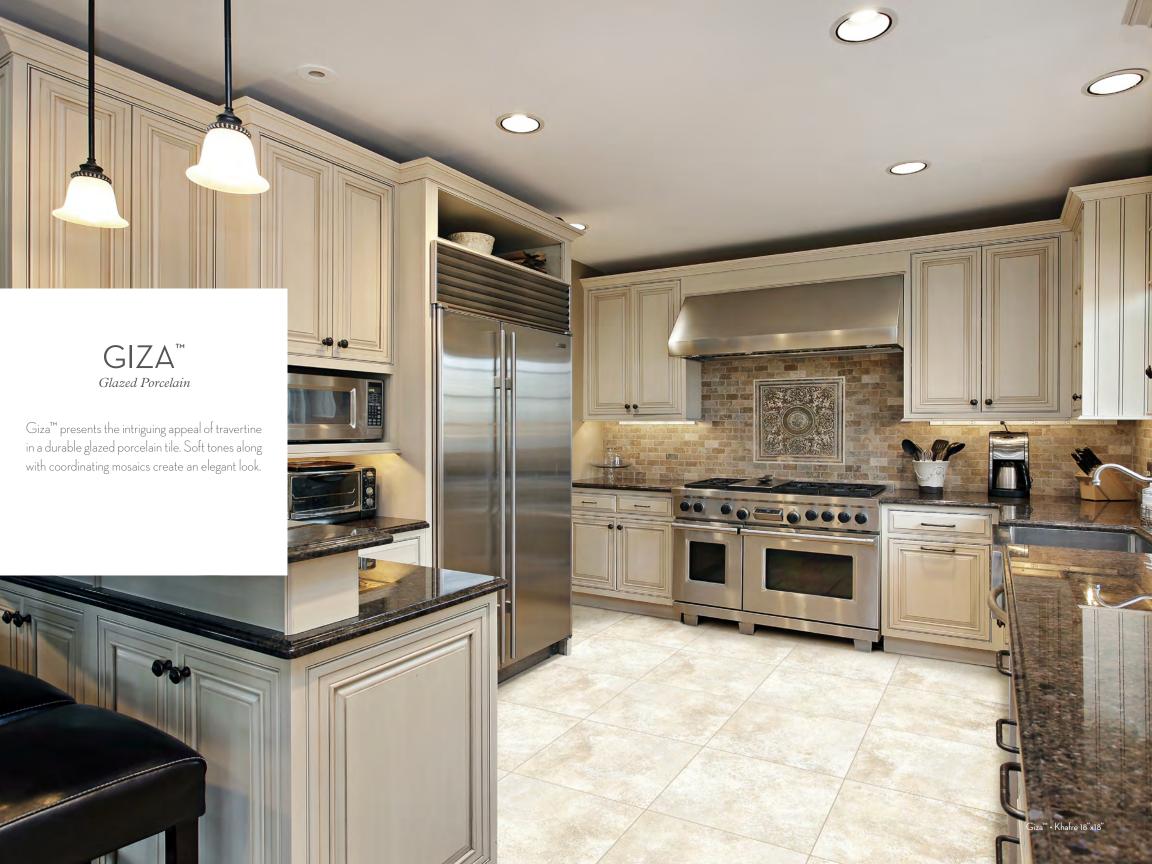
Glazed Porcelain

Geometry™ takes design to a whole new level. The modern, retro flare look of Geometry™ provides an element of uniqueness not found in most tiles. The raised pattern adds interest and character and will transcend any application.

Geometry™ • Atom Blue 10"x10"

Cube Blue

Atom Blue

Petal Blue

Frame Navy

Cube Gray

Atom Gray

Petal Gray



Frame Gray

All Colors Available in Size 10"x10"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications						
10"x10" 9.84"x9.84"	10"x10" - 8.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	IV	>400 lbf	Resistant	<0.5%	>0.42	6	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

GIZA™
Glazed Porcelain

Giza™ presents the intriguing appeal of travertine in a durable glazed porcelain tile. Soft tones along with coordinating mosaics create an elegant look.

Giza™ • Khafre 18"x18"

Edge: Pressed
Finish: Matte
No. of faces: 6 (18"x18")
10 (13"x13")
10 (12"x24")

Khafre

Menkaure

Pharaoh

Sphinx

All Colors Available in Sizes 18"x18", 13"x13", 12"x24"

Mosaics

Khafre 2"x2" on 13"x13" Mesh

Menkaure 2"x2" on 13"x13" Mesh

Pharaoh 2"x2" on 13"x13" Mesh

Sphinx 2"x2" on 13"x13" Mesh
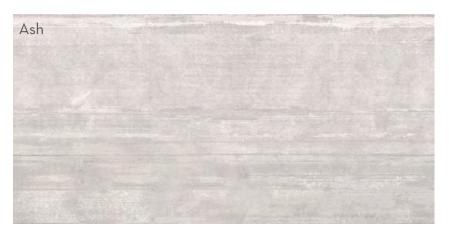
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 8.6mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	13"x13" - 7.8mm								
	12"x24" - 9mm	**Results**	III	>400 lbf	Resistant	<0.5%	>0.55	7	V2

18"x18"
17.72"x17.72"

13"x13"
12.99"x12.99"

12"x24"
11.81"x23.62"

13"x13" Mesh
12.60"x12.60"

3"x13"
Floor SBN

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

HANGAR™

Glazed Porcelain

Hangar™ delivers a flexible, modern solution offered in large format and trending tile sizes. The contemporary linear look of Hangar™ adds sophistication to residential and commercial settings.

4 Colors | 4 Sizes

FW R C ID

HANGAR™

Ash

Sand

Smoke

Coal

All Colors Available in Sizes 31"x31", 23"x47", 12"x23"
Ash and Smoke Colors Available in Thin Tile Size 63"x126" | 7mm Thickness

Mosaics

Ash 2"x2" on 12"x12" Mesh

Sand 2"x2" on 12"x12" Mesh

Smoke 2"x2" on 12"x12" Mesh

Coal 2"x2" on 12"x12" Mesh

Sizes & Trim							Thickness	Technical Specifications							
							31"x31" - 7mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
							23"x47" - 7 mm								
							12"x23" - 9mm								
63"x126" 62.85"x125.79"	31"x31" 31.39"x31.39"	23"x47" 23.46"x47.01"	12"x23" 11.69"x23.46"	12"x12" Mesh 11.69"x11.69"	3"x12" Floor SBN	6"x12" Cove Base	63"x126" - 7mm	**Results**	V	≥ 300 lbf	Resistant	> .50%	≥ .50	7	V2

Grout joint recommendation: 1/8"

HAVANA™

Glazed Ceramic

Havana™ is an elegant and understated stone-look showcasing cool and warm neutral colors in a variety of sizes and coordinating mosaics.

4 Colors | 3 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 8

White

Cream

Silver

Gray

All Colors Available in Sizes 18"x18", 13"x23", 12"x12"

Mosaics

White 2"x2" on 12"x12" Mesh

Cream 2"x2" on 12"x12" Mesh

Silver 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.						Thickness		Technical Specifications							
						18"x18" - 8.4mm		**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.60"x17.60"	13"x23" 12.68"x22.56"	12"x12" 12.28"x12.28"	12"x12" Mesh 12.28"x12.28"	3"x12" Floor SBN		13"x23" - 8mm 12"x12" - 8mm		**Results**	III	>250 lbf	Resistant	>7.0%	< 0.42	7	V3

Grout joint recommendation: 3/16"

Green Friendly: VOC None

HOLLYWOOD™

Glazed Porcelain

Fusing old-world glamour with contemporary rustic tones, Hollywood™ adds to the collections of distinct wood-look tile. Beige and Oak colorations recall the beautiful, classic look of aged wood, while Blue and Taupe embrace cool undertones.

Hollywood™ • Blue 8"x47"

FW R C ID OD

Beige

Taupe

Oak

Blue

All Colors Available in Size 8"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x47" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x47" 7.83"x47.01"		**Results**	Check Website	Check Website	Resistant	Check Website	>0.65	6	V3

Grout joint recommendation: 1/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

LARCHMONT™
Glazed Porcelain

Larchmont™ embodies the earthy aesthetic of natural wood in a durable porcelain tile. Warm hues create an inviting atmosphere in a traditional wood plank size.

Larchmont™ • Canton 6"x24"

4 Colors | 2 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 9 (6"x35")
9 (6"x24")

Canton

Rue

Maison

Ville

All Colors Available in Size 6"x35", 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications							
		6"x35" - 9mm 6"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
6"x35" 5.91"x35.43"	6"x24" 5.91"x23.72"		**Results**	IV	>400 lbf	Resistant	<0.5%	>0.45%	7	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

LATITUDE™

Glazed Body Match Porcelain

Inspired by the ethereal beauty of the northern lights, Latitude™ is offered in five elegant, neutral colors and coordinating mosaics.

Latitude™ • Graphite 12"x24"

Edge: Pressed
Finish: Matte
No. of faces: 24

White

Ivory

Gray

Taupe

Graphite

All Colors Available in Size 12"x24"

Mosaics

White 2"x2" on 12"x12" Mesh

Ivory 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Taupe 2"x2" on 12"x12" Mesh

Graphite 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Thickness	Technical Specifications							
			12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN		**Results**	IV	≥ 500 lbf	Resistant	≤ .50%	> .50	7	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

LEGACY™

Glazed Porcelain

Inspired by rustic wood, Legacy™ is a glazed porcelain series available in earthy colors and a trending plank format.

Legacy™ • Havana 8"x47"

5 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 20

White

Sand

Gray

Havana

Brown

All Colors Available in Size 8"x47"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		8"x47" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x47" 7.83"x47.01"			**Results**	III	≥ 350 lbf	Resistant	≤ .50%	≥ .50	6	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 40% Pre & Post-Consumer

MILESTONE™

Glazed Body Match Porcelain

Milestone™ embodies the natural elements of slate produced in glazed body match porcelain. Milestone™ is offered in versatile colors and texture variations for a natural aesthetic.

Milestone™ • White 24"x47"

5 Colors | 2 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 5 (24"x47")
20-24 (12"x24")

White

Dust

Moon

Taupe

Gray

All Colors Available in Sizes 24"x47", 12"x24"

Mosaics

White 2"x2" on 12"x12" Mesh
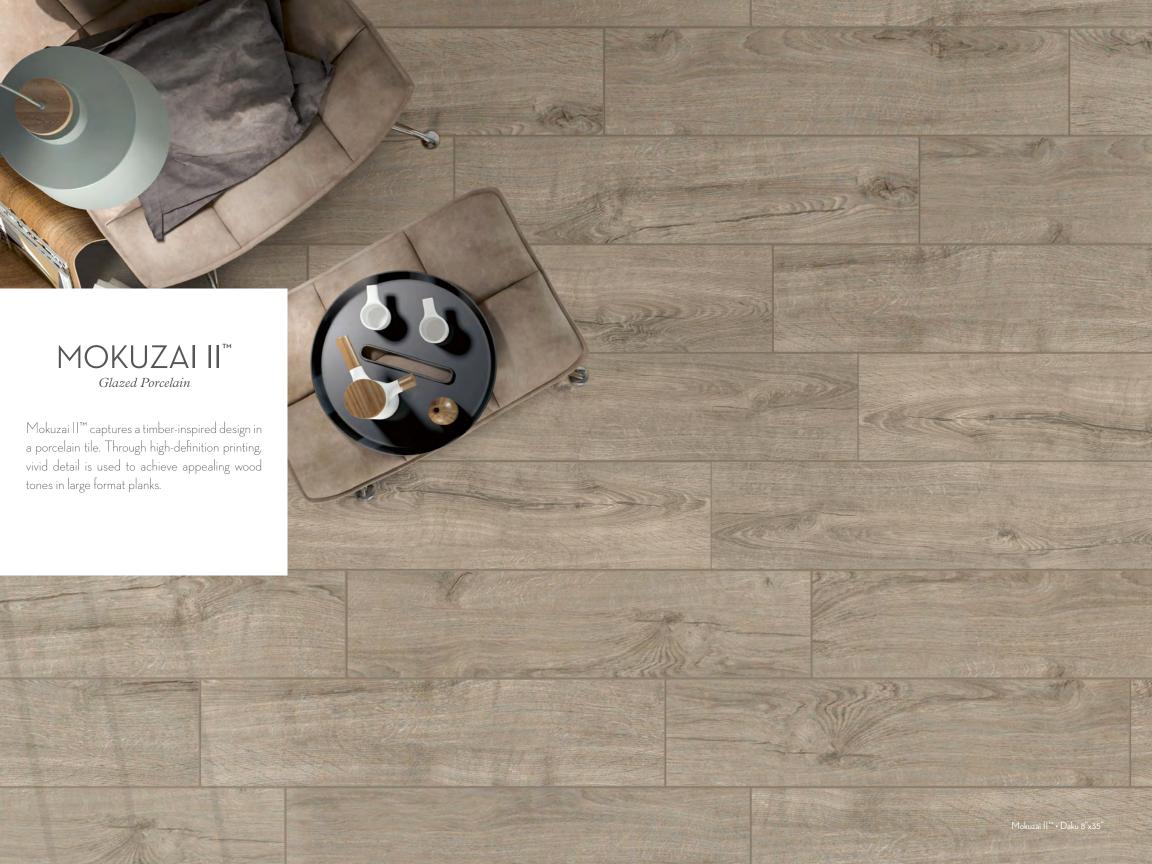
Dust 2"x2" on 12"x12" Mesh

Moon 2"x2" on 12"x12" Mesh

Taupe 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Thickness	Technical Specifications							
				24"x47" - 10mm 12"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x47" 23.62"x47.24"	12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN		**Results**	IV	≥ 550 lbf	Resistant	≤ .50%	≥ .60	7	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content >20% Pre-Consumer

MOKUZAI II™

Glazed Porcelain

Mokuzai II™ captures a timber-inspired design in a porcelain tile. Through high-definition printing, vivid detail is used to achieve appealing wood tones in large format planks.

Edge: Pressed
Finish: Matte
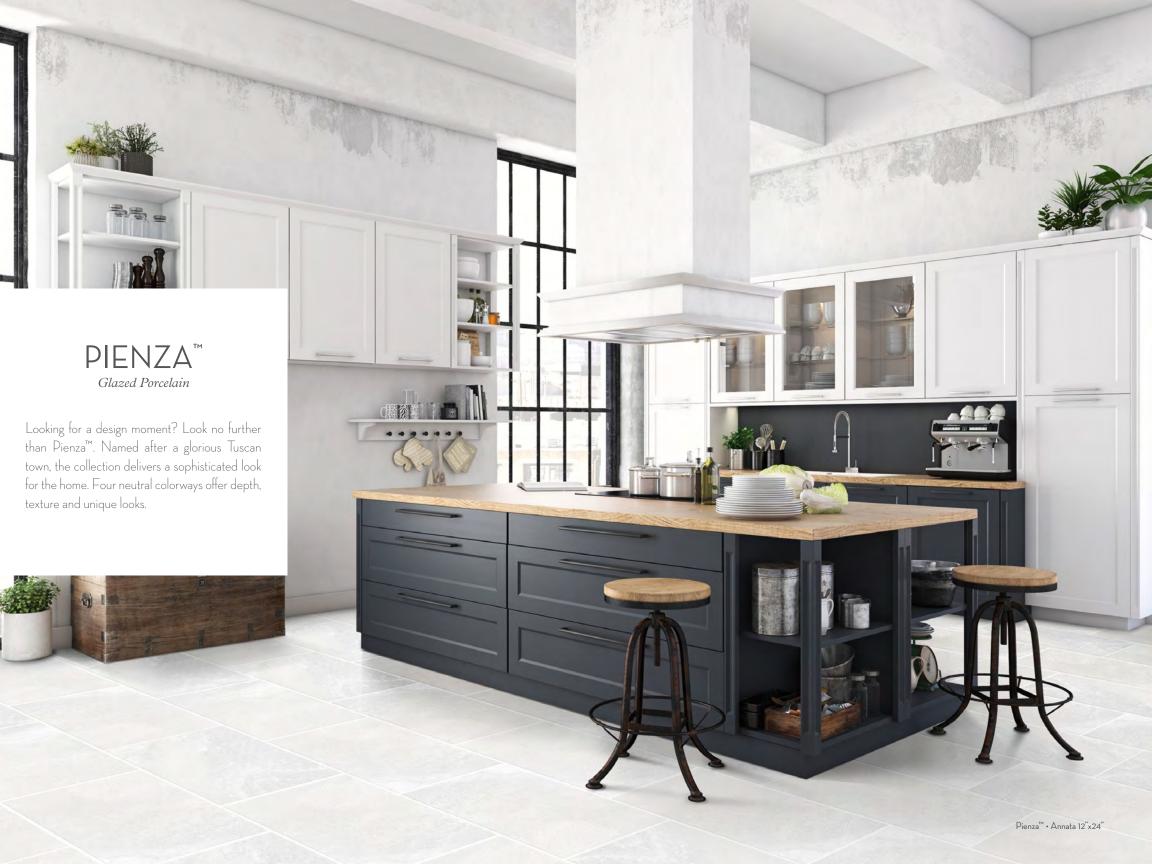No. of faces: 9

Hikari

Daku

Shiro

Gure

Oxford

All Colors Available in Size 8"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x35" - 10mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x35" 7.87"x35.43"		Results	IV	>500 lbf	Resistant	<0.5%	>0.55	8	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 0% Post-Consumer

MOOD™

Glazed Porcelain

Mood™ is reminiscent of the quartzite stone from Vals, in the canton of the Grisons, Switzerland, translated into a durable porcelain tile. Offered in large scale format and trendy hues, Mood is designed for those who want to surround themselves with natural beauty.

Mood™ • Gray and River Gray 12"x23"

Edge: Rectified
Finish: Matte
No. of faces: 21 (23"x47")
84 (12"x23")

Ivory

Gray

Charcoal

River Ivory

River Gray

All Solid Colors Available in Sizes 23"x47", 12"x23"
River Colors Available in Size 12"x23" Only

Mosaic

Ivory 2"x4" on 12"x12" Mesh

Gray 2"x4" on 12"x12" Mesh

Charcoal 2"x4" on 12"x12" Mesh
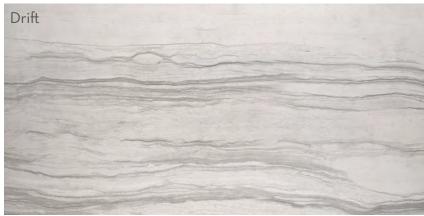
Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness
23"x47" 23.43"x46.99"	12"x23" 11.65"x23.43" · 12"x12" Mesh · 3"x12" Floor SBN · Cove Base* · Cove Base Corner Out*	23"x47" - 10mm 12"x23" - 9mm

Technical Specifications							
Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	>450 lbf	Resistant	<0.5%	>0.65	9	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.
*Please inquire for availability, may require MOQ & leadtime.

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

MOTION™

Glazed Body Match Porcelain

Motion™ recreates the look of veincut limestone in glazed porcelain using high-definition printing. Its striking graphic imaging makes any application a fashion statement.

Motion™ · Drift 12"x24"

Advance

Cue

Drift

All Colors Available in Size 12"x24"

Mosaic

Mosaic Blend 2"x2" on 13"x13" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Thickness	Technical Specifications							
					12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62"	13"x13" Mesh 13.11"x13.11"	3"x12" Floor SBN	6"x13" Cove Base	1"x6" Cove Base Corner Out		**Results**	IV	≥ 600 lbf	Resistant	≤ .50%	≥ .55	7	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

NETWORK™

Glazed Porcelain

Network™ is a recreation of concrete with an industrial, avant-garde look. Offered in large format sizes and stunning hues, Network™ is sure to create a bold statement.

4 Colors | 4 Sizes

White

Silver

Gray

Taupe
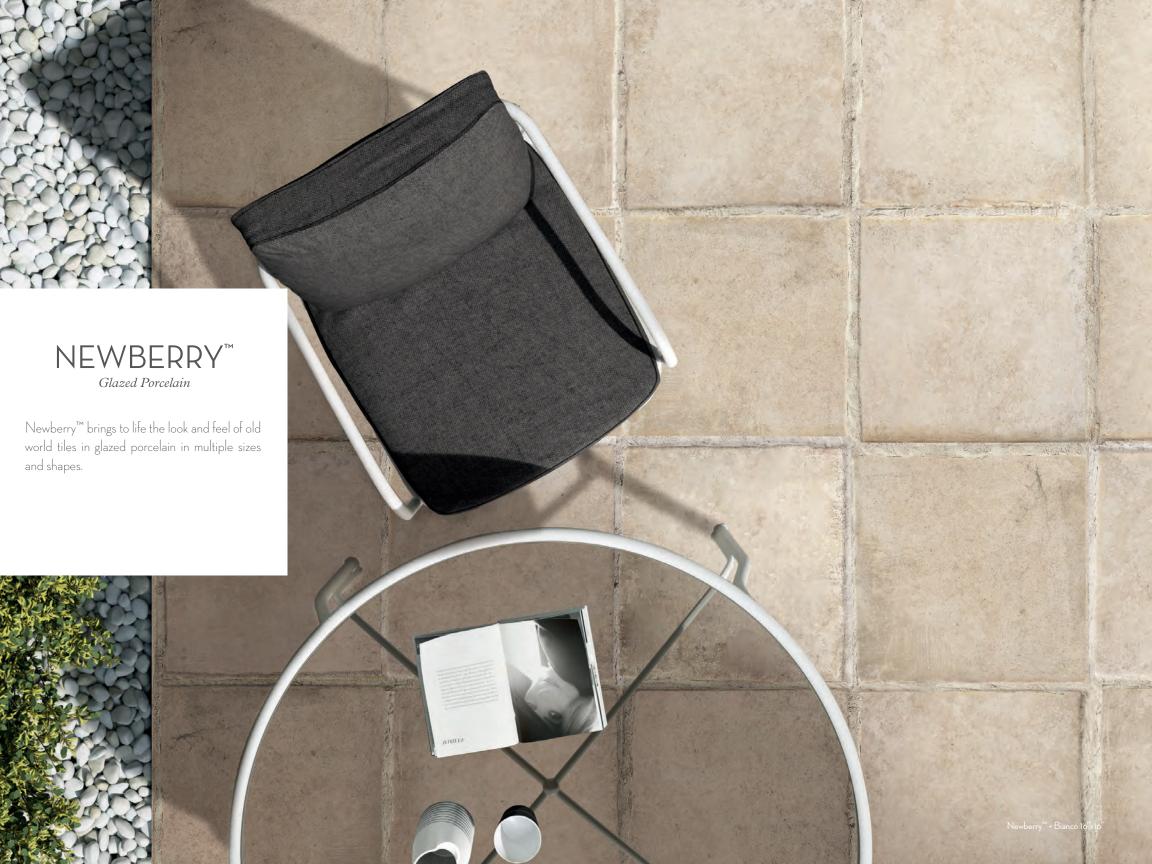
All Colors Available in Sizes 31"x31", 23"x47", 12"x23"
All Colors Available in Thin Tile Size 63"x126" | 6mm Thickness

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.						Thickness	Technical Specifications							
							63"x126" - 6mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
							31"x31" - 9mm								
							23"x47" - 9mm	**Results**	III	>500 lbf	Resistant	<0.5%	≥0.60	7	V2
63"x126" 62.85"x125.79"	31"x31" 31.39"x31.39"	23"x47" 23.46"x47.01"	12"x23" 11.69"x23.46"	3"x12" Floor SBN	6"x13" Cove Base	1"x6" Cove Base Corner Out	12"x23" - 9mm								

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content >40% Pre-Consumer

NEWBERRY™

Glazed Porcelain

Newberry™ brings to life the look and feel of old world tiles in glazed porcelain in multiple sizes and shapes.

3 Colors | 5 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 15 (16"x16")
15 (8"x16")
32 (8"x8")
62 (4"x8")
20 (Hexagon)

Bianco

Cotto
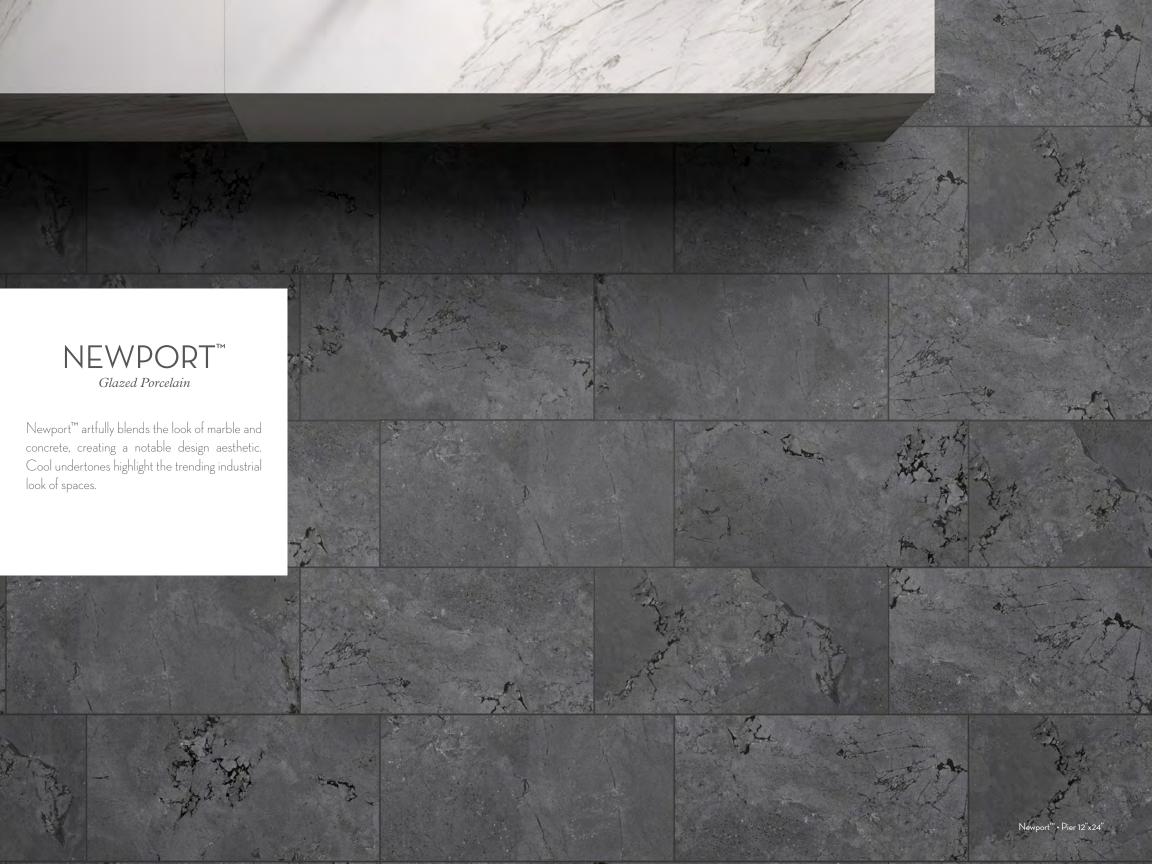
All Colors Available in Sizes 16"x16", 8"x16", 8"x8", 4"x8"

Bianco

Cotto

Grafite

All Colors Available in Size 10"x11" Hexagon

Green Friendly: VOC None

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

16"x16"
15.75"x15.75"

8"x16"
7.87"x15.75"

8"x8"
7.87"x7.87"

4"x8"
3.94"x7.87"

10"x11"
9.45"x10.91"

3"x16"
Floor SBN

4"x8"
Corner

Thickness
16"x16" - 10mm
8"x16" - 10mm
8"x8" - 10mm
4"x8" - 10mm
10"x11" Hex - 10mm

Technical Specifications							
Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	≥ 500 lbf	Resistant	≤ .50%	≥ .65	8	V4

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

NEWPORT™

Glazed Porcelain

Newport™ artfully blends the look of marble and concrete, creating a notable design aesthetic. Cool undertones highlight the trending industrial look of spaces.

Newport™ • Pier 12"x24"

4 Colors | 1 Size

FW R C ID OD

NEWPORT™

Bay

Harbor

Edge: Rectified
Finish: Matte & Lappato
No. of faces: 16

Ferry

Pier
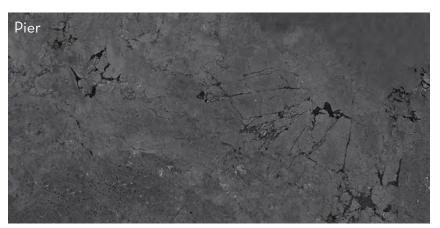
All Colors Available in Size 12"x24" | Matte and Lappato Finish

Mosaics

Bay 2"x2" on 12"x12" Mesh
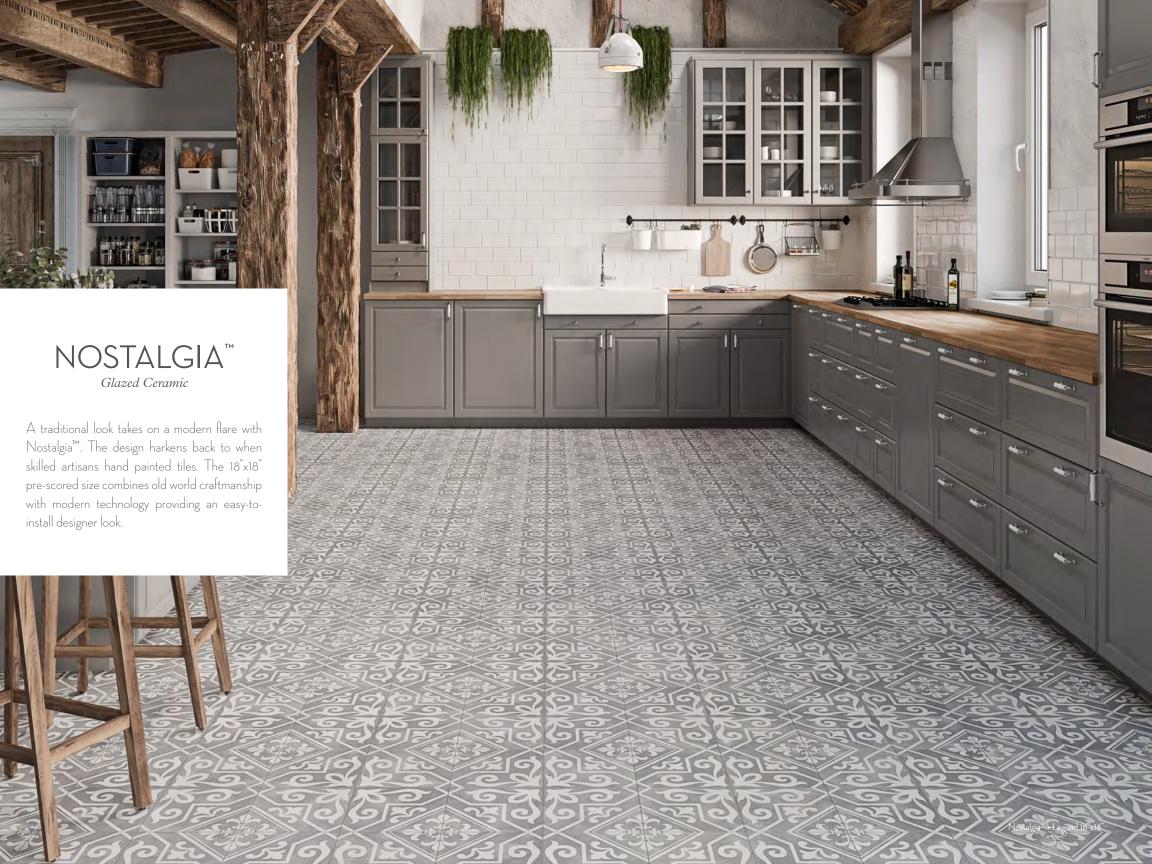
Harbor 2"x2" on 12"x12" Mesh

Ferry 2"x2" on 12"x12" Mesh

Pier 2"x2" on 12"x12" Mesh

| Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 12.20"x24.02" · 12"x12" Mesh · 3"x12" Floor SBN		**Results**	IV	>400 lbf	Resistant	<0.5%	>0.65	7	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

NOSTALGIA™

Glazed Ceramic

A traditional look takes on a modern flare with Nostalgia™. The design harkens back to when skilled artisans hand painted tiles. The 18"x18" pre-scored size combines old world craftmanship with modern technology providing an easy-to-install designer look.

Nostalgia™ • Legend 18"x18"

Legend

Novel

Epic

Saga

Scored Tile

- Pre-scoring provides a consistent design and easy installation.
- Apply grout directly over the scored tile lines.
- Scored lines have a grout width of 1/16".
- Gives the impression of a 9"x9" tile install.
- Great for walls and backsplash applications!

All Colors Available in Size 18"x18" Scored Tile

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.72"x17.72"		**Results**	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: Check Website

Green Friendly: VOC None | Recycled Content 7-10% Pre-Consumer

NOVA™

Glazed Porcelain

Offered in soothing, cool tones, Nova™ recreates the classic look of natural stone in a glazed porcelain tile. The soft veining and tonal variation creates depth and textural interest in any application.

Nova™ • Blue 12"x24"
La Vie™ • Gray Mosaic

Edge: Pressed
Finish: Matte
No. of faces: >18

White

Fawn

Gray

Blue

All Colors Available in Size 12"x24"

Mosaics

White 2"x4" on 12"x12" Mesh

Fawn 2"x4" on 12"x12" Mesh
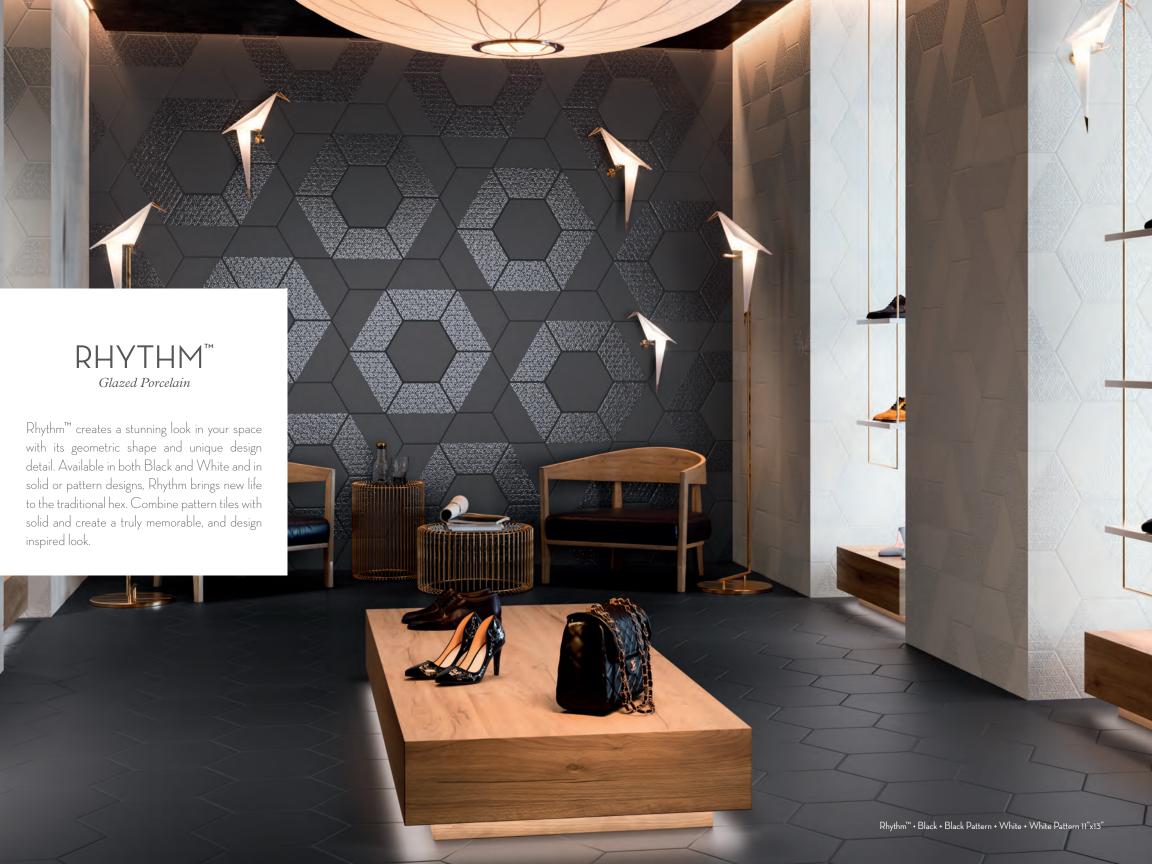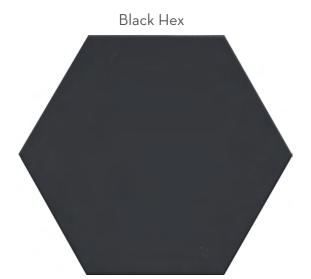

Gray 2"x4" on 12"x12" Mesh

Blue 2"x4" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	**Thickness**	**Technical Specifications**							
12"x24" 11.81"x23.62" — 12"x12" Mesh 11.81"x11.81" — 3"x24" Floor SBN	12"x24" - 8.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	III	≥ 350 lbf	Resistant	≤0.50%	≥0.50	5	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

ORCHARD™

Glazed Porcelain

Orchard™ offers the beautiful timeless look of hardwood in stylish colors with the added benefits of porcelain. The graphic details of the warm, earthy colors achieve realistic wood textures in a modish plank size.

Orchard™ • Evening 8"x47"

Edge: Rectified
Finish: Matte
No. of faces: 10

Dawn

Sunrise

Evening

Midnight

All Colors Available in Size 8"x47"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		8"x47" - 10mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x47" 7.87"x47.24"			Results	IV	≥750 lbf	Resistant	≤0.50%	≥0.60	8	V4

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

OUTPOST™

Glazed Body Match Porcelain

Outpost™ is a contemporary stone look featuring harmonious variations in hues ideal for any space. The industrial look of stone is combined with warm earthy colors to create the ideal aesthetic.

Outpost™ • Bianco 24"x47"

4 Colors | 2 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 8 (24"x47")
32 (12"x24")

Bianco

Tortora

Grigio

Antracite

All Colors Available in Sizes 24"x47", 12"x24"

Mosaics

Bianco 2"x2" on 12"x12" Mesh

Tortora 2"x2" on 12"x12" Mesh

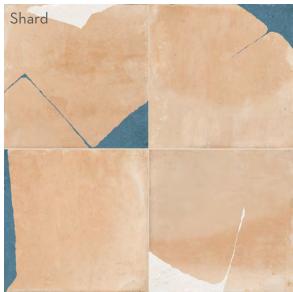Grigio 2"x2" on 12"x12" Mesh

Antracite 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x47" - 10mm 12"x24" - 9.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x47" 23.62"x47.24" / 12"x24" 11.81"x23.62" / 12"x12" Mesh / 3"x12" Floor SBN / 6"x13" Cove Base / 1"x6" Cove Base Corner Out		**Results**	III - V	>625 lbf	Resistant	<0.5%	>0.42	6	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 20% Pre-Consumer

PARQUET™

Glazed Porcelain

Parquet™ employs high definition graphic technology to emulate the look and texture of a bespoke oak hardwood floor.

Parquet™ • Ash 20"x20"

FW R C ID OD

PARQUET™

Edge: Pressed
Finish: Textured
No. of faces: 10 (20"x20")

Ash

Cream

All Colors Available in Sizes 20"x20"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	20"x20" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
20"x20" 19.69"x19.69"		**Results**	IV	≥400 lbf	Resistant	≤0.50%	≥.70	7	V1

Grout joint recommendation: 3/16 | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 30% Pre-Consumer & 0% Post-Consumer

PIENZA™

Glazed Porcelain

Looking for a design moment? Look no further than Pienza™. Named after a glorious Tuscan town, the collection delivers a sophisticated look for the home. Four neutral colorways offer depth, texture and unique looks.

Pienza™ • Annata 12"x24"

Annata

Dolce

Secco

Talento

All Colors Available in Sizes 24"x24", 12"x24"

Mosaics

Annata 2"x2" on 12"x12" Mesh

Dolce 2"x2" on 12"x12" Mesh

Secco 2"x2" on 12"x12" Mesh

Talento 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
24"x24" 23.62"x23.62" 12"x24" 11.81"x23.62" 12"x12" Mesh 3"x12" Floor SBN	24"x24" - 10.5mm 12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: Check Website

POCONO™

Glazed Porcelain

Pocono™ mimics the unique gradations and variances found in natural wood. This series is offered in sizes inspired by natural wood flooring and durable glazed porcelain.

Pocono™ • Smoke 6"x24"

Smoke

Oak

Cocoa

All Colors Available in Sizes 6"x36", 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications							
		6"x36" - 10mm 6"x24" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
6"x36" 5.91"x35.43"	6"x24" 5.91"x23.62"		**Results**	IV	≥300 lbf	Resistant	≤ .5%	≥ .60	7	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

PORCH™
Glazed Porcelain

Porch™ features subtle wood grain movement that flows across tile panels. Caramel and coffee inspired tones invite color variation on interior and exterior floors. An understated matte finish completes the glazed porcelain tile for enhanced visual depth.

Porch™ • Coffee 12"x47", 6"x47"

FW | R | C | ID | OD

PORCH™

Edge: Rectified
Finish: Matte
No. of faces: 20 (12"x47")
30 (8"x47")
40 (6"x47")

Moon

Midnight

Caramel

Coffee

All Colors Available in Sizes 12"x47", 8"x47", 6"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Thickness	Technical Specifications							
			12"x47" - 11.3mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
			8"x47" - 11.3mm								
			6"x47" - 11.3mm								
12"x47" 11.61"x47.24"	8"x47" 7.68"x47.24"	6"x47" 5.71"x47.24"		**Results**	III	≥ 250 lbf	Resistant	≤ .5%	> .60	6	V4

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

PORTO II™

Glazed Porcelain

Porto II™ is inspired by the simplistic look of concrete and stone in large format sizes and a range of colors.

FW | R | C | ID | OD

PORTO II™

White

Ivory

Fawn

Charcoal
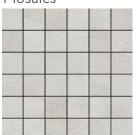
All Colors Available in Sizes 32"x32", 24"x24", 12"x24" (Matte & Polished) | Polished Not Recommended for Use as Commercial or Outdoor Flooring

Mosaics

White 2"x2" on 12"x12" Mesh

Ivory 2"x2" on 12"x12" Mesh

Fawn 2"x2" on 12"x12" Mesh

Charcoal 2"x2" on 12"x12" Mesh

Mosaics Available in Matte Only

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	32"x32" - 10mm 24"x24" - 9mm 12"x24" - 9mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	III	>550 lbf	Resistant	<0.50%	>0.50 (M) <0.42 (P)	7 (M) 6 (P)	V2

32"x32" 31.50"x31.50" | 24"x24" 23.62"x23.62" | 12"x24" 11.81"x23.62" | 12"x12" Mesh | 3"x12" Floor SBN

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

POTENZA™

Glazed Porcelain

Potenza™ embodies the earthy aesthetic of travertine in a durable porcelain tile. The linear brushed look creates a harmonious flow in a variety of colors.

Potenza™ • Dove 12"x24"

Edge: Pressed
Finish: Matte
No. of faces: 7 (18"x18")
13 (13"x13")
9 (12"x24")

Ivory

Dove

Fawn

Gray

All Colors Available in Sizes 18"x18", 13"x13", 12"x24"

Mosaics

Ivory 2"x2" on 13"x13" Mesh

Dove 2"x2" on 13"x13" Mesh

Fawn 2"x2" on 13"x13" Mesh

Gray 2"x2" on 13"x13" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

18"x18"
17.72"x17.72"

13"x13"
12.60"x12.60"

12"x24"
11.81"x23.62"

13"x13" Mesh
12.60"x12.60"

3"x13"
Floor SBN

Thickness
18"x18" - 8.5mm
13"x13" 7.8mm
12"x24" - 8.5mm

Technical Specifications							
Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV	$\geq$350 lbf	Resistant	$\leq$0.5%	$\geq$0.70	7	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

REALM II™

Glazed Porcelain

Realm II™ mirrors traditional honed marble with subtle veining and refined movement. Sophisticated colors with crackled and distressed details lend a natural aesthetic. A matte finish and various tile sizes make Realm II™ ideal for numerous interiors.

Realm II™ • District 12"x24"

4 Colors | 3 Sizes

Edge: Pressed
Finish: Matte
No. of faces: 11 (18"x18")
11 (13"x13")
10 (12"x24")

Assembly

District

Domain

Nation

All Colors Available in Sizes 18"x18", 13"x13", 12"x24"

Mosaics

Assembly 2"x2" on 13"x13" Mesh

District 2"x2" on 13"x13" Mesh

Domain 2"x2" on 13"x13" Mesh

Nation 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 8.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.72"x17.72" 13"x13" 12.99"x12.99" 12"x24" 11.81"x23.62" 13"x13" Mesh 3"x13" Floor SBN	13"x13" - 7.2mm 12"x24" - 9.8mm	**Results**	IV	>350 lbf	Resistant	<0.5%	>0.50	7	V3

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

REMINISCE™

Glazed Ceramic

Celebrating classic patterns of the past with a modern twist - that's the beauty of Reminisce™. The collection offers an eclectic group of designs, providing a wide array of solutions for any space. A kaleidoscope of shapes and color deliver a statement that stands the test of time.

Reminisce™ • Court 18"x18"

Edge: Pressed
Finish: Matte
No. of faces: Check Website

Court

Lane

Patio

Wynd

All Patterns Available in Size 18"x18" Scored Tile

Scored Tile

- Pre-scoring provides a consistent design and easy installation.
- Apply grout directly over the scored tile lines.
- Scored lines have a grout width of 1/16".
- Gives the impression of a 9"x9" tile install.
- Great for walls and backsplash applications!

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.72"x17.72"		**Results**	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: Check Website

Green Friendly: VOC None

RESERVA™

Glazed Porcelain

Showcasing the complex veining of rare marble, Reserva™ brings to life the timeless look with multiple sizes and stunning colors.

Reserva™ • Alto, Pampa 12"x24"

Alto

Manu

Pampa

Tumbes

All Colors Available in Sizes 18"x18", 13"x13", 12"x24"

Mosaics

Alto 2"x4" on 13"x13" Mesh
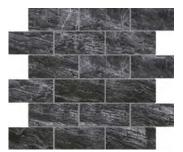
Manu 2"x4" on 13"x13" Mesh

Pampa 2"x4" on 13"x13" Mesh

Tumbes 2"x4" on 13"x13" Mesh
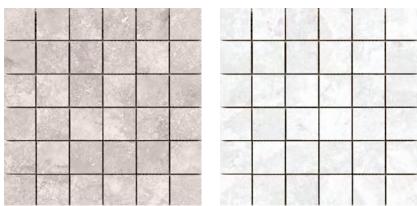
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	**Thickness**	**Technical Specifications**							
	18"x18" - 8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	13"x13" - 7.7mm								
	12"x24" - 9mm	**Results**	IV	≥400 lbf	Resistant	≤0.50%	≥0.56	7	V3

18"x18"
17.72"x17.72"

13"x13"
12.99"x12.99"

12"x24"
11.81"x23.62"

13"x13" Mesh

3"x13"
Floor SBN

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

RESIDENZA™

Glazed Ceramic

Inspired by the look of marble and travertine, Residenza™ offers two colors, in a matte finish with accompanying mosaics.

Edge: Pressed
Finish: Matte
No. of faces: 13

Rapolano

Crosscut

All Colors Available in Size 12"x24"

Mosaics
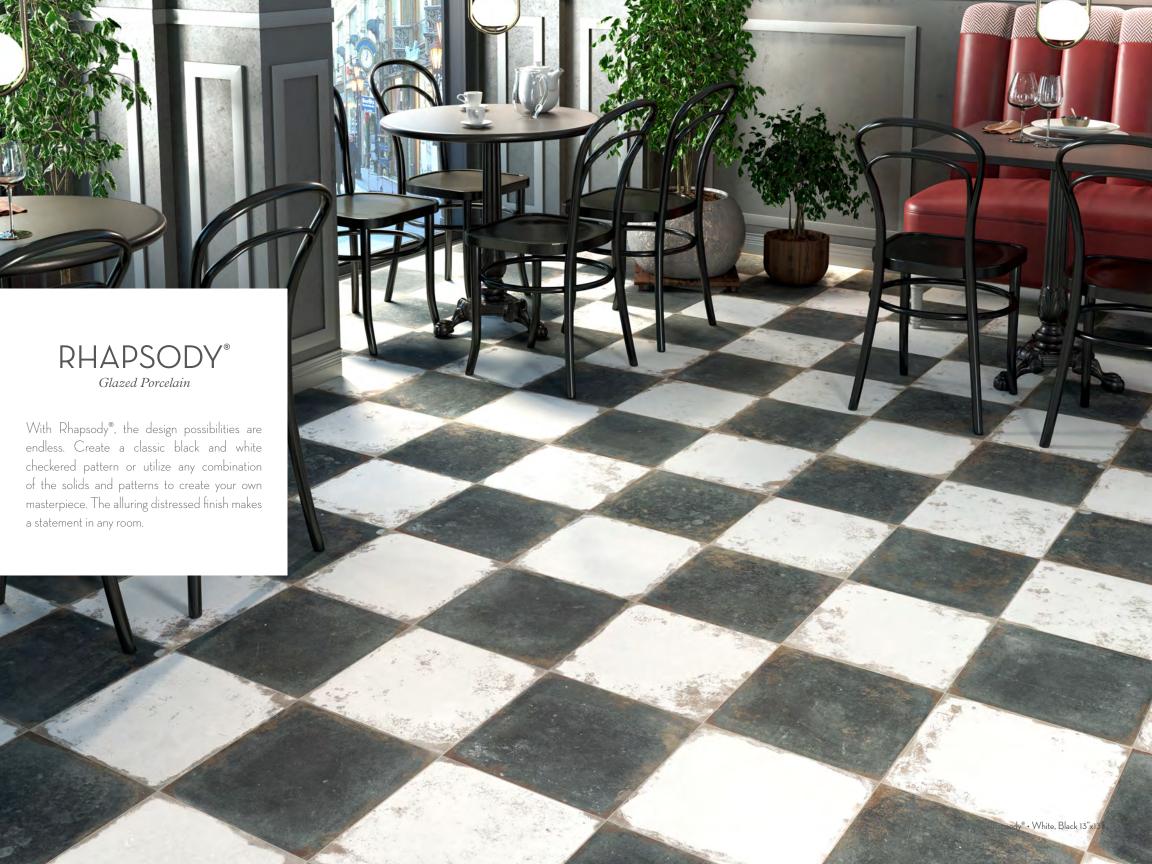
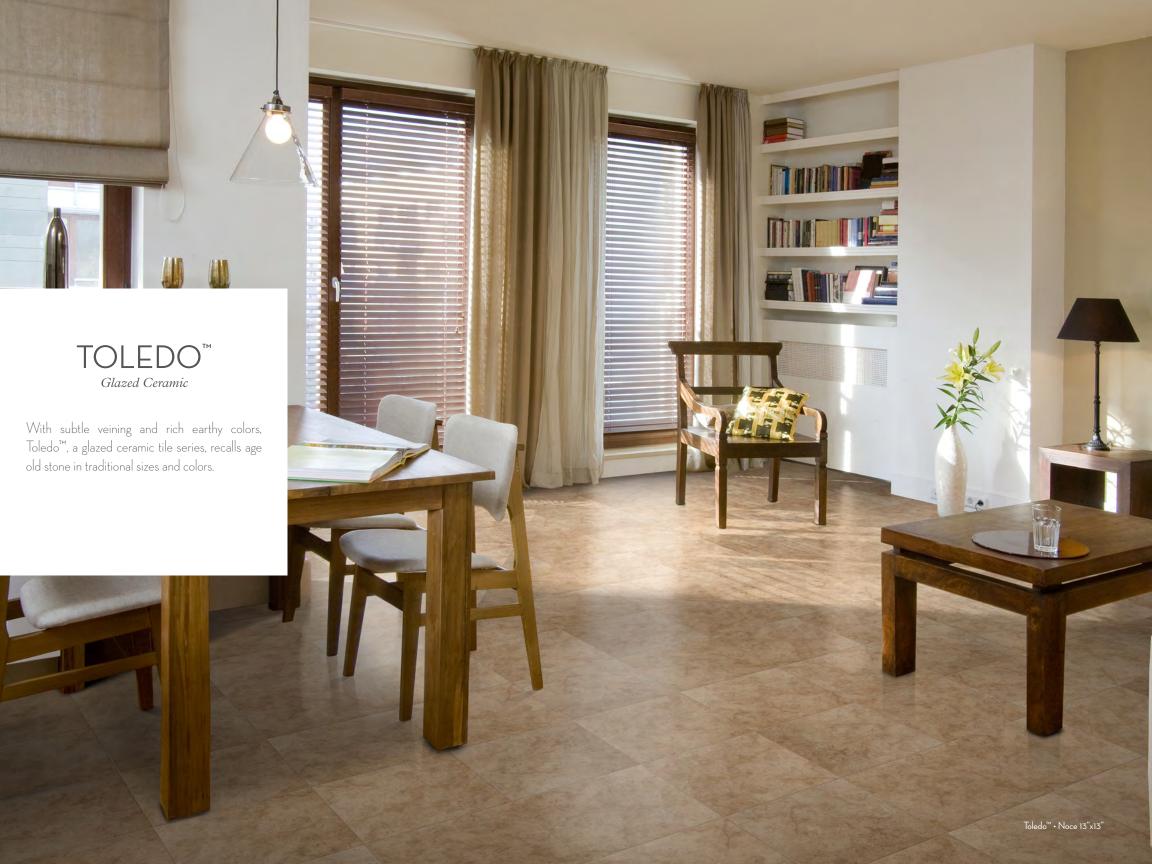Rapolano 2"x2" on 12"x12" Mesh

Crosscut 2"x2" on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		12"x24" - 8.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.80"x23.62" 12"x12" Mesh 11.77"x11.77" 3"x12" Floor SBN			**Results**	IV	≥ 300 lbf	Non-Resistant	> 7.0%	< .42	5	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

RHAPSODY®

Glazed Porcelain

With Rhapsody®, the design possibilities are endless. Create a classic black and white checkered pattern or utilize any combination of the solids and patterns to create your own masterpiece. The alluring distressed finish makes a statement in any room.

Rhapsody® • White, Black 13"x13

Edge: Pressed
Finish: Matte
No. of faces: 20

White

Diagonal

Spade

Black

Flora

Argyle

All Colors Available in Size 13"x13"

Pattern Suggestions

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	13"x13" - 10mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
13"x13" 12.99"x12.99"		Results	III IV (Diag.)	≥250 lbf	Resistant	≤0.50%	≥0.65	4 (Black) 5 (Diag.) 6 (Wt., Fl.)	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

RHYTHM™

Glazed Porcelain

Rhythm™ creates a stunning look in your space with its geometric shape and unique design detail. Available in both Black and White and in solid or pattern designs, Rhythm brings new life to the traditional hex. Combine pattern tiles with solid and create a truly memorable, and design inspired look.

Rhythm™ • Black + Black Pattern + White + White Pattern 11"x13"

FW W R C ID OD

RHYTHM™

Edge: Pressed
Finish: Matte
No. of faces: Solid

Black Hex

Black Hex Pattern

White Hex

White Hex Pattern

All Colors & Patterns Available in Size 11"x13"
Pattern Tiles Not Recommended for Floor Applications.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	11"x13" - 9mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
11"x13" 11.22"x12.99"		Results	IV	>275 lbf	Resistant	<0.5%	>0.42 (solid) <0.42 (deco)	6	V1

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

SANCTUARY II™

Glazed Porcelain

Sanctuary II™ reflects the simplistic beauty of natural wood grains in a durable glazed porcelain tile. Warm neutrals with rustic undertones bring a quiet elegance for an inviting retreat. Subtle visual and tactile textures elongate surfaces for a versatile, sophisticated linear design.

Sanctuary II™ • Taupe 9˝x36˝

2 Colors | 1 Size

Edge: Pressed
Finish: Matte
No. of faces: 6

Taupe

Brown

All Colors Available in Size 9"x36"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
9"x36" 8.96"x36.02"	9"x36" - 9.2mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	IV	>250 lbf	Resistant	<0.5%	>0.42	Check Website	V3

Grout joint recommendation: 3/16"

Green Friendly: VOC None | Recycled Content 40% Pre-Consumer

SANDSTORM™

Glazed Porcelain

Sandstorm™ reflects the captivating layers of sandstone in a glazed porcelain tile. High-definition printing enables natural-looking color variation, veining and fissure lines for which natural stone is known.

Sandstorm™ • Kalahari 12"x24"

4 Colors | 1 Size

FW R C ID OD

Edge: Pressed
Finish: Matte
No. of faces: 16

Gobi

Kalahari

Mojave

Sahara

All Colors Available in Size 12"x24"

Mosaics

Gobi 2"x2" on 13"x13" Mesh

Kalahari 2"x2" on 13"x13" Mesh
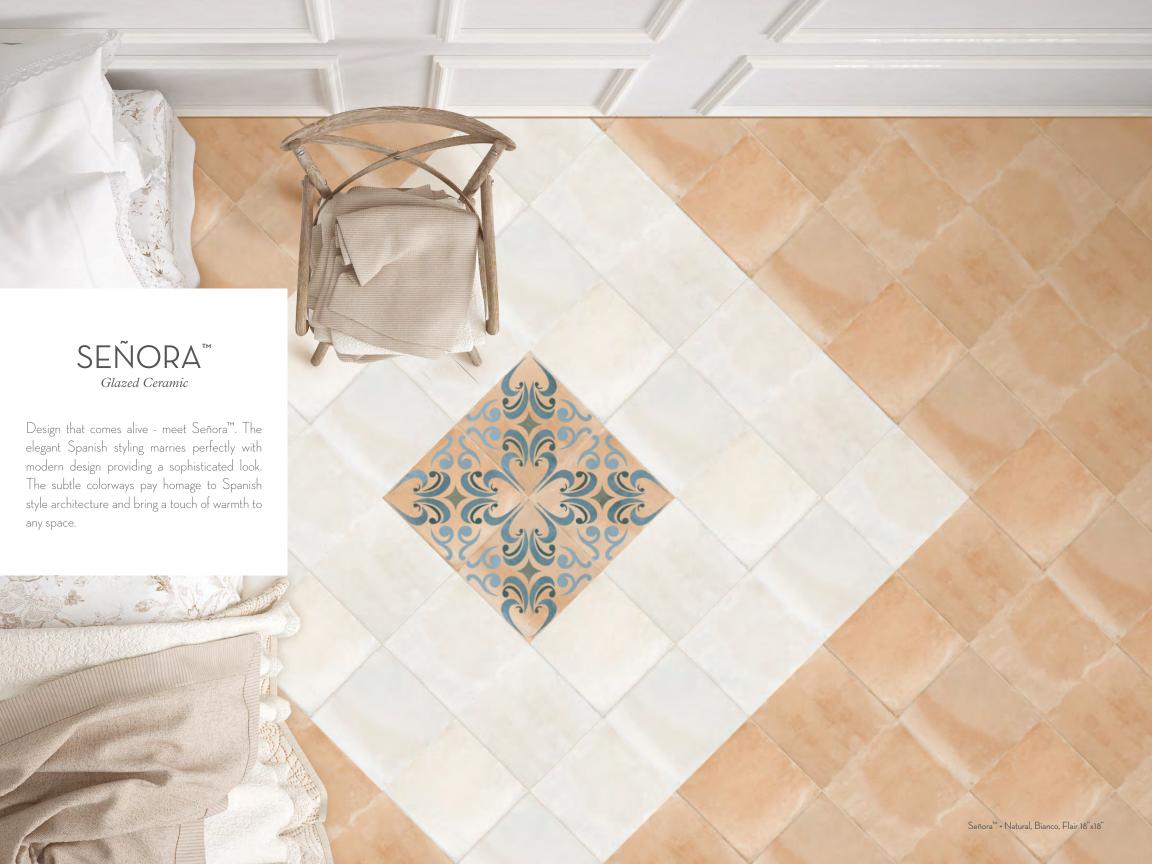
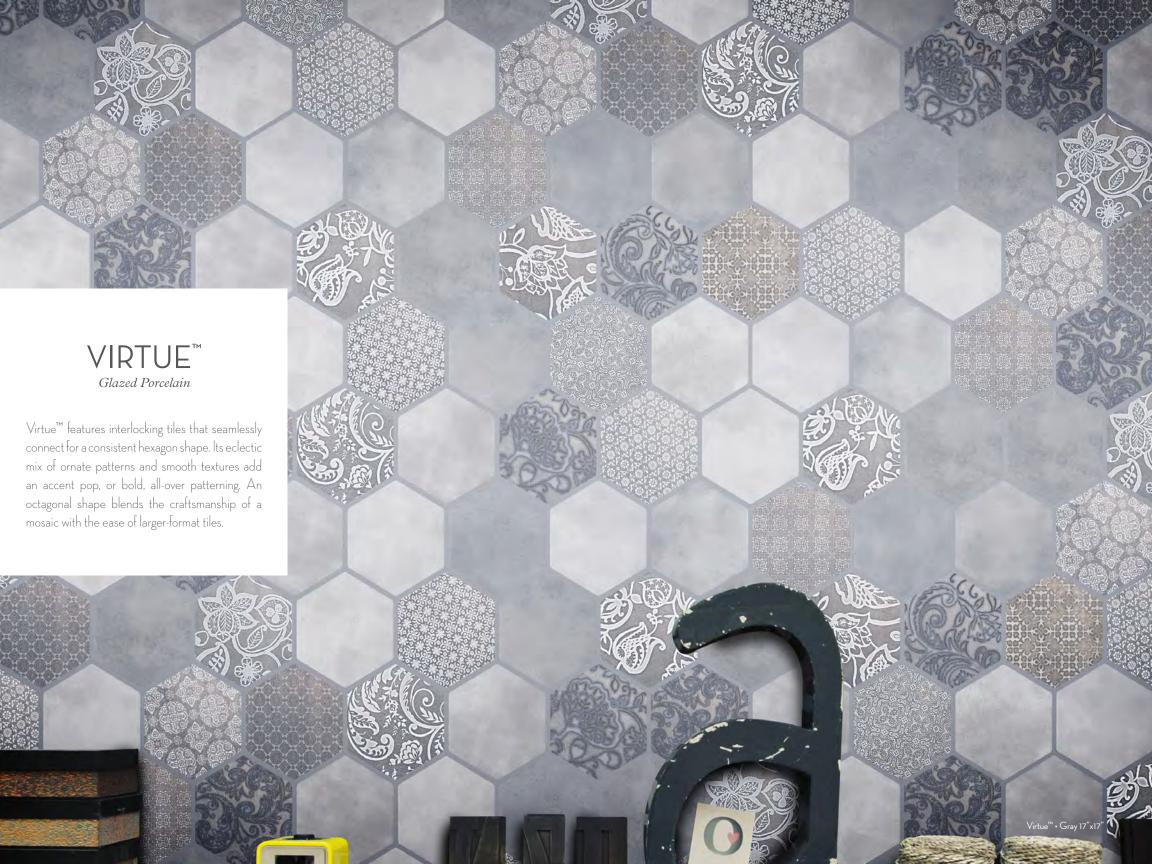Mojave 2"x2" on 13"x13" Mesh

Sahara 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x24" - 9.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62" 13"x13" Mesh 13.07"x13.07" 3"x12" Floor SBN		**Results**	III	≥ 300 lbf	Resistant	≤ .50%	≥ .50	7	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

SEÑORA™

Glazed Ceramic

Design that comes alive - meet Señora™. The elegant Spanish styling marries perfectly with modern design providing a sophisticated look. The subtle colorways pay homage to Spanish style architecture and bring a touch of warmth to any space.

4 Colors | 1 Size

Edge: Pressed
Finish: Matte
No. of faces: Check Website

Bianco

Natural

Shard

Flair

Scored Tile

- Pre-scoring provides a consistent design and easy installation.
- Apply grout directly over the scored tile lines.
- Scored lines have a grout width of 1/16".
- Gives the impression of a 9"x9" tile install.
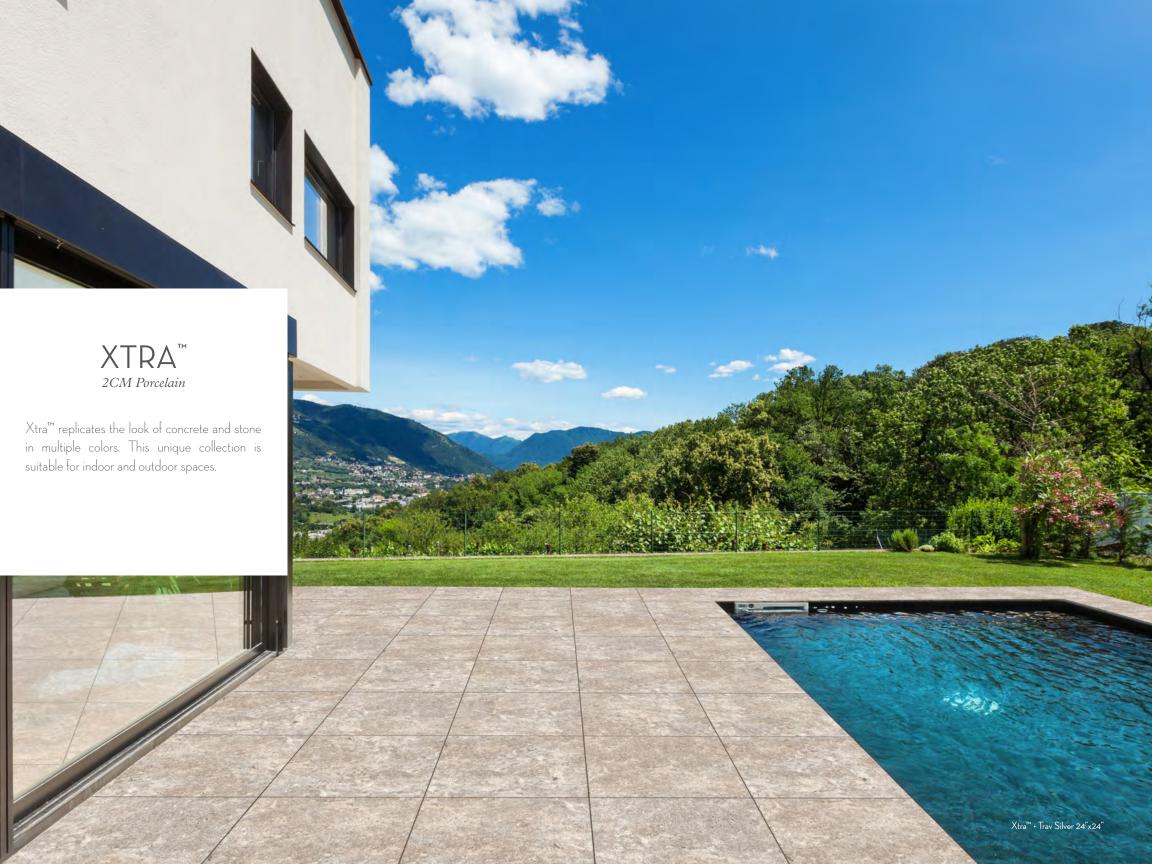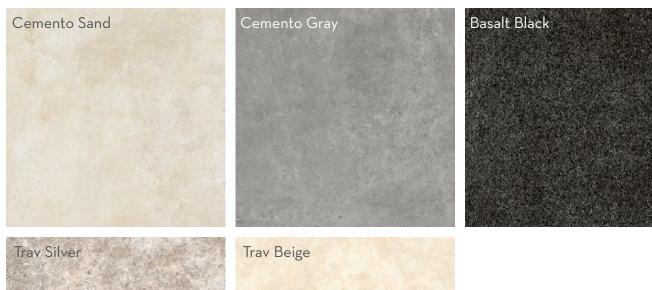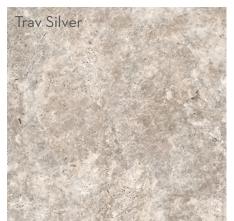- Great for walls and backsplash applications!
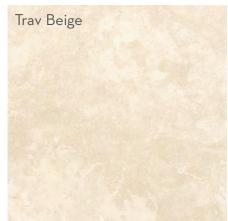
All Colors Available in Size 18"x18" Scored Tile

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
18"x18" 17.72"x17.72"	18"x18" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: Check Website

Green Friendly: VOC None

SILHOUETTE™

Glazed Porcelain

Inspired by the artistic blend of watercolors, Silhouette™ strides in with soft tones and linear flow creating an inviting environment.

Silhouette™ • Shadow 12"x24"

Edge: Pressed
Finish: Matte
No. of faces: 6

Contour

Figure

Profile

Shadow

All Colors Available in Size 12"x24"

Mosaics

Contour 2"x2" on 13"x13" Mesh

Figure 2"x2" on 13"x13" Mesh

Profile 2"x2" on 13"x13" Mesh

Shadow 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x24" - 9.8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62" 13"x13" Mesh 3"x12" Floor SBN		**Results**	III	≥700 lbf	Not Resistant	≤0.50%	≥0.55	6	V3

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

STERLINA™

Glazed Porcelain

Sterlina™ beautifully unifies the look of timeless marble with the urban touch of concrete. Available in matte and polished finish and seven colorways to achieve any desired look.

Sterlina™ · Gray 12 x24

Edge: Rectified
Finish: Matte & Polished
No. of faces: 12 (12"x24")

Asphalt

Dove

Gray

Henna

Ivory

Silver

White

All Colors Available in Size 12"x24" | Matte & Polished Finish

Mosaics

Asphalt 2"x2" on 12"x12" Mesh
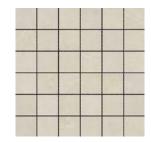
Dove 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Henna 2"x2" on 12"x12" Mesh

Ivory 2"x2" on 12"x12" Mesh

Silver 2"x2" on 12"x12" Mesh

White 2"x2" on 12"x12" Mesh
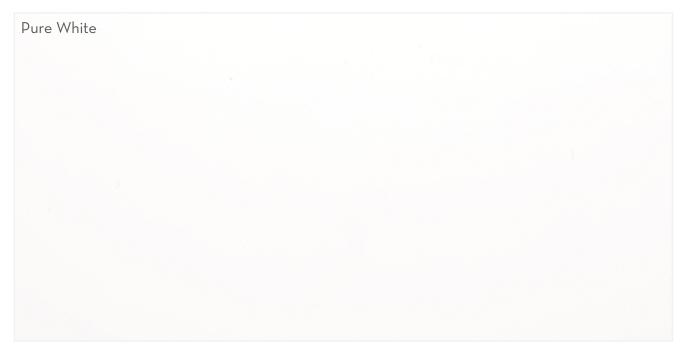
Mosaics Available in Matte Only | SBN Available in Matte and Polished
Polished Not Recommended for Use as Commercial or Outdoor Flooring

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
12"x24" 11.81"x23.62" 12"x12" Mesh 3"x12" Floor SBN	12"x24" - 8.4mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	IV	>345 lbf	Resistant	<0.5%	>0.55 (M) >0.35 (P)	7 (M) 3 (P)	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

STYLE II™

Glazed Porcelain

Cool and clean, Style II™ offers multiple sizes and a linear mosaic for a contemporary installation perfect for any application.

Style II™ • Pure White 12"x24"
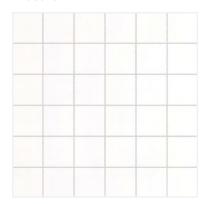
Edge: Rectified
Finish: Matte & Polished
No. of faces: 1 (All Sizes)

Pure White

Available in Sizes 12"x24", 24"x47", 24"x24" | Matte & Polished Finish
Available in Size 32"x32" | Polished Finish

Mosaic

2"x2" on 12"x12" Mesh

1"x3" Herringbone on 10"x12" Mesh

The beauty of high gloss or polished products may be susceptible to scratching that is more visible on the surface of the tile.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	32"x32" - 9.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	24"x47" - 9.5mm								
	24"x24" - 9.5mm	**Results**	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	V1
	12"x24" - 9.5mm								

32"x32"
31.50"x31.50"

24"x47"
23.62"x47.24"

24"x24"
23.62"x23.62"

12"x24"
11.81"x23.62"

12"x12" Mesh

12"x12" Mesh

3"x12"
Floor SBN

Grout joint recommendation: 3/16"

Green Friendly: VOC None

SWEDEN™

Glazed Porcelain

The deep, attractive veining, brings a level of beauty and sophistication to any application.

Sweden™ • Alps 24"x24"

Edge: Rectified
Finish: Polished
No. of faces: Check Website

Alps

Vardet

All Colors Available in Sizes 24"x24", 12"x24" | Polished Finish

Mosaics

Alps 2"x4" on 12"x12" Mesh

Vardet 2"x4" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x24" - 8.2mm 12"x24" - 8.2mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x24" 12"x24" 12"x12" Mesh 3"x12" 23.62"x23.62" 11.61"x23.62" Floor SBN		**Results**	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: Check Website

Green Friendly: VOC None

SWISS II™

Glazed Porcelain

Swiss II™ radiates sophisticated beauty highlighting the soft veining of natural stone in a porcelain tile. With polished and matte finishes in multiple sizes, the design possibilities are limitless.

1 Color | 4 Sizes

Rhone
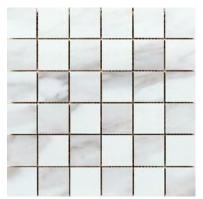
Available in Sizes 32"x32", 24"x47", 11"x23" | Polished
Available in Size 12"x23" | Matte

Mosaics

Rhone 2"x2" on 12"x12" Mesh | Matte & Polished

Polished Not Recommended for Use as Commercial or Outdoor Flooring.

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							

| | 32"x32"
31.50"x31.50" | 24"x47"
23.62"x47.24" | 12"x23" (M)
11.81"x23.62" | 11"x23" (P)
11.22"x23.43" | 12"x12" Mesh
12.01"x12.01" | 3"x12"
Floor SBN | 32"x32" - 10mm
24"x47" - 10mm
12"x23" - 10mm
11"x23" - 10mm |

Technical Specifications

Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
Results	IV (M) III (P)	>700 lbf	Resistant	<0.5%	>0.65 (M) <0.42 (P)	6 (M) 5 (P)	V2

Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

TECHNIQUE™

Glazed Porcelain

Technique™ showcases the intricate veining in natural stone. Offered in contemporary colors it will add charm to any installation.

Technique™ • Dove 12"x24"

4 Colors | 1 Size

Edge: Pressed
Finish: Matte
No. of faces: 16

Bianco

Ivory

Dove

Carbon

All Colors Available in Size 12"x24"

Mosaics

Bianco 1"x3" on 12"x12" Mesh

Ivory 1"x3" on 12"x12" Mesh

Dove 1"x3" on 12"x12" Mesh

Carbon 1"x3" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x24" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 12.2"x24.02" 3"x12" Floor SBN 12"x12" Mesh		**Results**	IV	>375 lbf	Resistant	<0.5%	>0.65	7	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

TERAZIO™

Glazed Porcelain

Terazio™ is an alluring recreation of quartz-like attributes in a durable porcelain tile. High-definition inkjets create natural speckled variations on the surface in neutral earth tones. Terazio provides a smooth, luminous finish for residential and commercial applications.

Terazio™ • Bianco, Nero 24"x24"

Edge: Rectified
Finish: Matte & Polished
No. of faces: 8 (24"x24")
16 (12"x24")

Bianco

Gesso

Palladio

Nero

All Colors Available in Size 24"x24" | Polished Finish
All Colors Available in Size 12"x24" | Matte Finish

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x24" 23.62"x23.62" 12"x24" 11.81"x23.62" 3"x24" Floor SBN	12"x24" - 10mm	**Results**	III	≥ 250 lbf	Resistant	≤ 0.50%	≥ .42	6	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

TERRANE™

Glazed Porcelain

Terrane™ offers a stone look with linear design in a trendy size to complement any space using high-definition printing.

Edge: Pressed
Finish: Matte
No. of faces: 14

Ivory

Beige

Gray

All Colors Available in Size 12"x24"

Mosaics

Ivory 2"x2" on 12"x12" Mesh

Beige 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications							
			12"x24" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN		**Results**	IV	≥ 550 lbf	Resistant	≤ .50%	≥ .42	7	V3

Grout joint recommendation: 3/16"

Green Friendly: VOC None

TESOLA™

Glazed Ceramic

Tesola™ presents the subtle look of concrete in soft neutral colors. This fast trending look is offered in two sizes and coordinating mosaics.

Tesola™ • Silver 18"x18"

Edge: Pressed
Finish: Matte
No. of faces: 8

Cream

Silver

Taupe

All Colors Available in Sizes 18"x18", 12"x12"

Mosaics

Cream 2"x2" on 12"x12" Mesh

Silver 2"x2" on 12"x12" Mesh

Taupe 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 8.4mm 12"x12" - 8mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.60"x17.60" 12"x12" 12.28"x12.28" 12"x12" Mesh 12.28"x12.28" 3"x12" Floor SBN		**Results**	III	≥250 lbf	Not Resistant	≤5.0%	≥0.70	7	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

THEORY™

Glazed Porcelain

Theory™ is a glazed porcelain series inspired by the look of distressed wood, adding interest to any floor or wall application.

Theory™ • Gray 8"x45"

4 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 12

Gray

Taupe

Brown

Chestnut

All Colors Available in Size 8"x45"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x45" - 10.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x45" 7.89"x44.88"		**Results**	IV	$\geq$ 700 lbf	Resistant	$\leq$ .50%	$\geq$ .55	6	V4
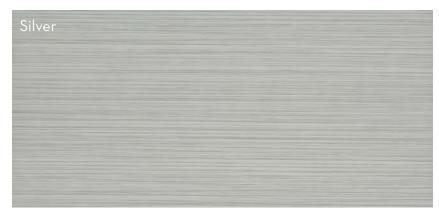
Grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

THREAD II™

Glazed Porcelain

Inspired by woven textiles, Thread II™ offers a subtle color palette with coordinating mosaics.

Thread II™ • Oyster 12"x25"

4 Colors | 1 Size

FW R C ID

White

Oyster

Silver

Twilight

All Colors Available in Size 12"x25"

Mosaics

White 2"x2" on 12"x12" Mesh

Oyster 2"x2" on 12"x12" Mesh

Silver 2"x2" on 12"x12" Mesh
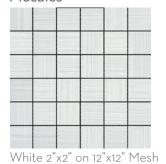
Twilight 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	12"x25" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
12"x25" 12.20"x24.61" 12"x12" Mesh 11.81"x11.81" 3"x12" Floor SBN		**Results**	III	>325 lbf	Resistant	<0.50%	>0.42	7	V1

Grout joint recommendation: 1/8"

TOLEDO™

Glazed Ceramic

With subtle veining and rich earthy colors, Toledo™, a glazed ceramic tile series, recalls age old stone in traditional sizes and colors.

3 Colors | 2 Sizes

Edge: Pressed
Finish: Matte
No. of faces: Random

Beige

Silver

Noce

All Colors Available in Sizes 17"x17", 13"x13"

Mosaics
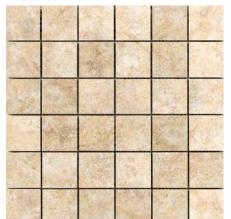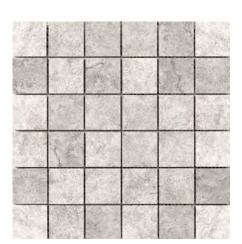
Beige 2"x2" on 13"x13" Mesh

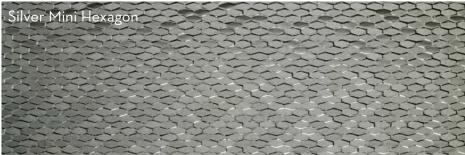Silver 2"x2" on 13"x13" Mesh

Noce 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
17"x17" 17.30"x17.30" 13"x13" 13.10"x13.10" 13"x13" Mesh 12.99"x12.99" 3"x13" Floor SBN	17"x17" - 9mm 13"x13" - 7.7mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	III	≥ 250 lbf	Non-Resistant	≤ 5%	≥ .42	7	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

TOPANGA™

Glazed Ceramic

Topanga™ replicates a classic travertine look in varying tones of beige and gray. Subtle color variations and movement in design complement the look and feel of your space,

Topanga™ • Greige 18"x18"

FW R ID

TOPANGA™

Cream

Greige

Tan

All Colors Available in Sizes 18"x18", 13"x23", 12"x12"

Mosaics

Cream 2"x2" on 12"x12" Mesh

Geige 2"x2" on 12"x12" Mesh

Tan 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	18"x18" - 8.4mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.60"x17.60" 13"x23" 12.68"x22.56" 12"x12" 12.28"x12.28" 12"x12" Mesh 12.28"x12.28" 3"x12" Floor SBN	13"x23" - 8.4mm 12"x12" - 8mm	**Results**	III	Check Website	Resistant	Check Website	< 0.42	7	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

TROVATA II™

Glazed Porcelain

Trovata II™ beautifully recreates the look of stone in glazed porcelain with rustic undertones. Using high definition printing technology, Trovata II™ consists of four colors and coordinating mosaics.

Trovata II™ • Album 12"x24"

FW | R | C | ID | OD

TROVATA II™

Album

Diary

Journal

Ledger
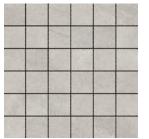
All Colors Available in Sizes 21"x21", 13"x13", 12"x24"

Mosaics

Album 2"x2" on 13"x13" Mesh

Diary 2"x2" on 13"x13" Mesh

Journal 2"x2" on 13"x13" Mesh

Ledger 2"x2" on 13"x13" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		21"x21" - 8.5mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		13"x13" - 8mm								
		12"x24" - 8.5mm	**Results**	IV	>380 lbf	Resistant	<0.5%	>0.55	7	V3

21"x21"
21.38"x21.38"

13"x13"
12.97"x12.97"

12"x24"
12.19"x23.98"

13"x13" Mesh

3"x13"
Floor SBN

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

UDDO™

Glazed Ceramic

Uddo™ represents the look of wood in a glazed ceramic tile evoking layers of texture and natural graining. The warm, neutral tones will enhance the beauty of any space.

Uddo™ • Kyoto 8˝x24˝

3 Colors | 1 Size

Edge: Pressed
Finish: Matte
No. of faces: 8

Kyoto

Osaka

Tokyo

All Colors Available in Size 8"x24"

| Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	8"x24" - 8.6mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
8"x24" 7.95"x23.70"		**Results**	III	<250 lbf	Not Resistant	>7.0%	≥0.80	7	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

UPTOWN™

Glazed Body Match Porcelain

Uptown™ features subtle textures and color variation giving it a timeless, urban feel. All colors are offered in a coordinating mosaic and chevron pattern for a variety of installation options.

Uptown™ Hudson 12"x24"

6 Colors | 4 Sizes

Edge: Rectified
Finish: Matte
No. of faces: 6 (24"x47")
20 (24"x24")
3 (18"x35")
24 (12"x24")

Sugar Hill	Manhattan	Morningside

Hamilton	Hudson	Washington

Above Colors Available in Sizes 24"x47", 24"x24", 12"x24"

Chevron Patterns

Sugar Hill 18"x35"   Manhattan 18"x35"   Morningside 18"x35"

Hamilton 18"x35"   Hudson 18"x35"   Washington 18"x35"

Mosaics

Sugar Hill 2"x2" on 12"x12" Mesh   Manhattan 2"x2" on 12"x12" Mesh   Morningside 2"x2" on 12"x12" Mesh

Hamilton 2"x2" on 12"x12" Mesh   Hudson 2"x2" on 12"x12" Mesh   Washington 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x47" - 10mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
	24"x24" - 9mm								
	18"x35" - 9mm								
	12"x24" - 9.5mm	**Results**	IV	≥ 850 lbf	Resistant	≤ .50%	≥ .65	7	V2

24"x47"
24.02"x47.24"

24"x24"
24.02"x24.02"

18"x35"
17.72"x35.43"

12"x24"
12.2"x24.02"

12"x12" Mesh
11.81"x11.81"

3"x12"
Floor SBN

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content >20% Pre-Consumer

VELOCITY™

Glazed Porcelain

Velocity™ uniquely displays the varied colors and textures of distressed wood. A popular chevron pairs natural and painted wood tones for rustic, yet modern appeal. Plank tiles invite creative layouts for geometric designs that play on patterns.
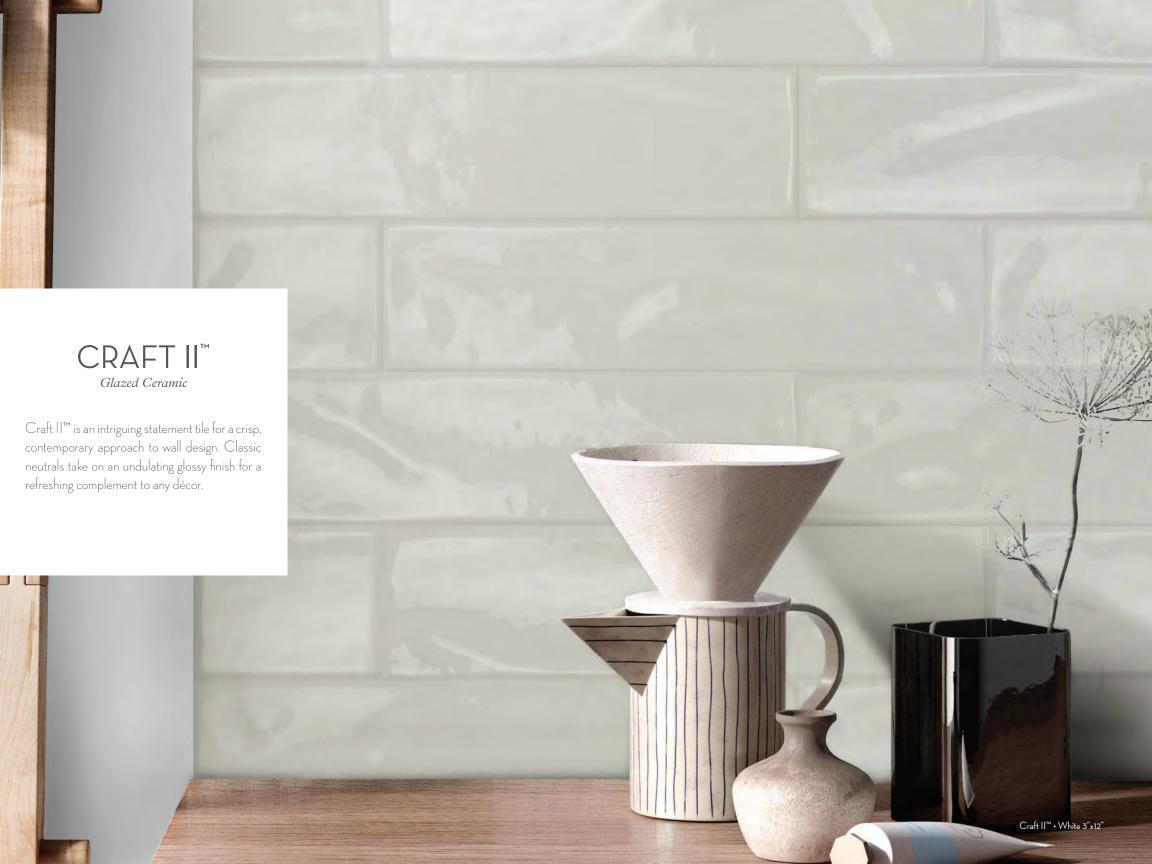
Velocity™ • Rate 17"x35"

Force

Rate

Pulse

All Colors Available in Size 17"x35"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
		17"x35" - 11mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
17"x35" 17.40"x35.04"			**Results**	III	≥ 850 lbf	Resistant	≤ .50%	< .42	7	V2

Grout joint recommendation: 1/16"

Green Friendly: VOC None

VIRTUE™

Glazed Porcelain

Virtue™ features interlocking tiles that seamlessly connect for a consistent hexagon shape. Its eclectic mix of ornate patterns and smooth textures add an accent pop, or bold, all-over patterning. An octagonal shape blends the craftsmanship of a mosaic with the ease of larger-format tiles.

Virtue™ • Gray 17"x17"

3 Colors | 1 Size

White

Ivory

Gray

All Colors Available in Size 18"x18"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
8.44 cm 3.32" 18"x18" 16.50"x17.30"	17"x17" - 9mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	IV	≥ 400 lbf	Resistant	< .50%	≥ .60	9	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

XTRA™
2CM Porcelain

Xtra™ replicates the look of concrete and stone in multiple colors. This unique collection is suitable for indoor and outdoor spaces.

Xtra™ • Trav Silver 24"x24"

5 Colors | 1 Size

Edge: Rectified
Finish: Matte
No. of faces: 8 (Cemento)
12 (Travertine)
6 (Basalt)

Cemento Sand

Cemento Gray

Basalt Black

Trav Silver

Trav Beige
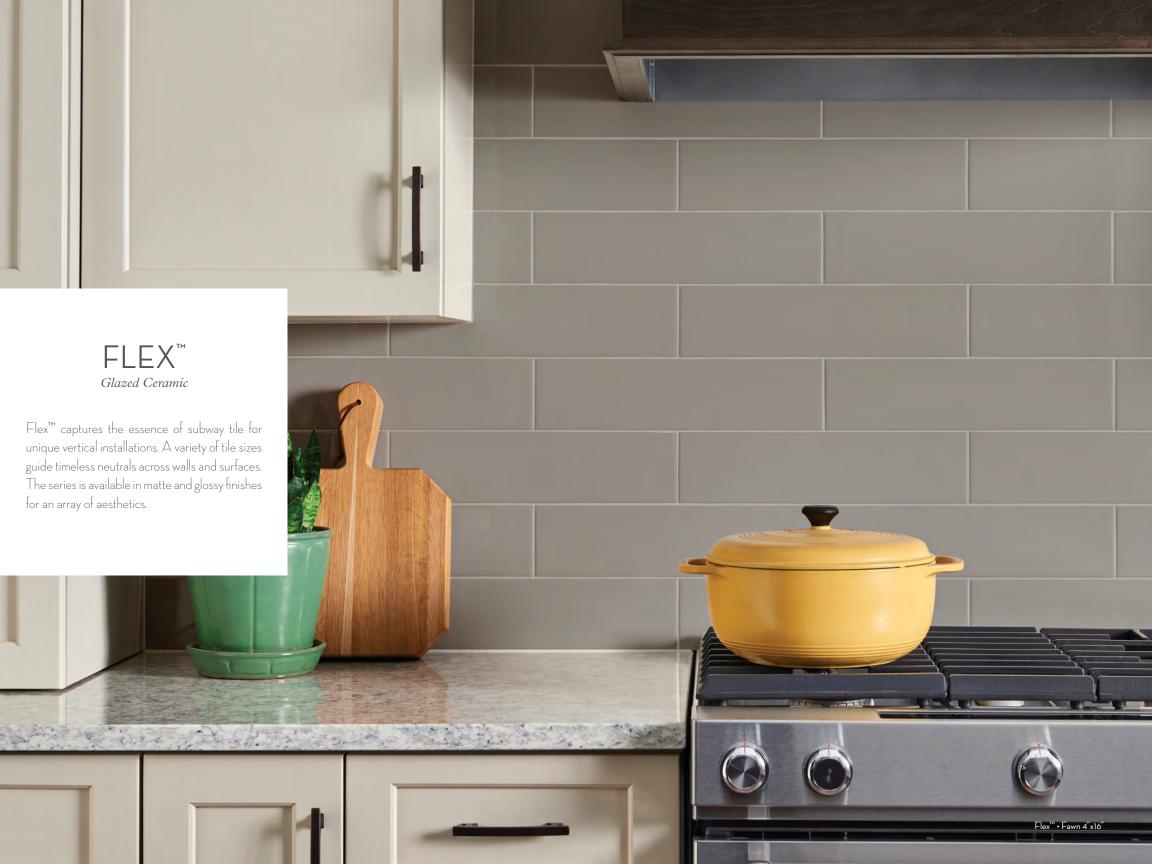
Colors Available in Size 24"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
	24"x24" - 20mm	**Test Method**	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
24"x24" 23.62"x23.62" 12"x24" Coping		**Results**	I	≥ 500 lbf	Resistant	≤ .50%	> .65	8	V2

Grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None

Building Blocks™ Wood Oak • Sand 8"x47"
Building Blocks™ Concrete • Silver 29"x29"
Building Blocks™ Concrete • Black 24"x47"

Building Blocks™ Wood Oak • Sand 8"x47"
Building Blocks™ Concrete • Silver 29"x29"
Building Blocks™ Concrete • Black 24"x47"

COLLECTION	SIZE	MOSAIC	TRIM
AGENDA	17x47		
ARTWORK	12x35		
CATCH	3x6		✔
	3x12		✔
	4x10		✔
	4x16		✔
	6x18		✔
	6x6		✔
CENTER	13x36		
CHOICE II	3x6		
	4x12		
CODE	4x9		
	5x6		
	6x7		
COLORI	10x30		
CONNECT	6x24		
CRAFT II	3x12		✔
EUPHORIA	3x12		
EXPRESS	3x12		
FLEX	3x6		✔
	4x10		✔
	4x16		✔
	6x6		
FREGIO	6x20		
GLOW	17x47		
JAZZ	12x24		
MARQUESA	16x47		
MOTIF II	4x12		
NUOVO	12x35		
OMBRE	6x12		✔
PASSION	3x8		
RAKU	3x12		
RIFT	16x47		
SCULPTURE	12x24		✔
	13x36		
SONATA	16x47		
SPHERE	3x12		
SYNERGY	16x47		
VERTIGO	10x30		

PORCELAIN & CERAMIC
WALL TILE

AGENDA™

Glazed Ceramic

Agenda™ is a stone-inspired subway tile look capturing the beauty of simplicity and spontaneity. Beige and white undertones invite a wide array of design opportunities. Featuring a large format size, Agenda™ brings dimensionality to your walls.

Agenda™ • Stamp White 17"x47"

Ramie White

Stamp White

All Patterns Available in Size 17"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
	17"x47" - 10mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
17"x47" 16.73"x46.93"		Results	≤ 250 lbf	Resistant	> 7%	5	V3

Grout joint recommendation: 1/16"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

ARTWORK™

Glazed Ceramic

Artwork™ features dimensional wave and hexagon patterns for a design-forward artistic statement. Contemporary glossy finish and metallics in large format tiles bring heightened glamour.

Artwork™ • White, Silver Mini Hexagon 12"x35"

Pearl Wave

White Mini Hexagon

Metal Wave

Silver Mini Hexagon

Plain White

All Colors Available in Size 12"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
	Wave - 15-25mm Mini Hex - 12.50mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
12"x35" 11.81"x35.43"		Results	≤ 250 lbf	Resistant	> 7%	4	V1

Grout joint recommendation: 1/16"

Green Friendly: VOC None | Recycled Content 74% Pre-Consumer, 0% Post-Consumer
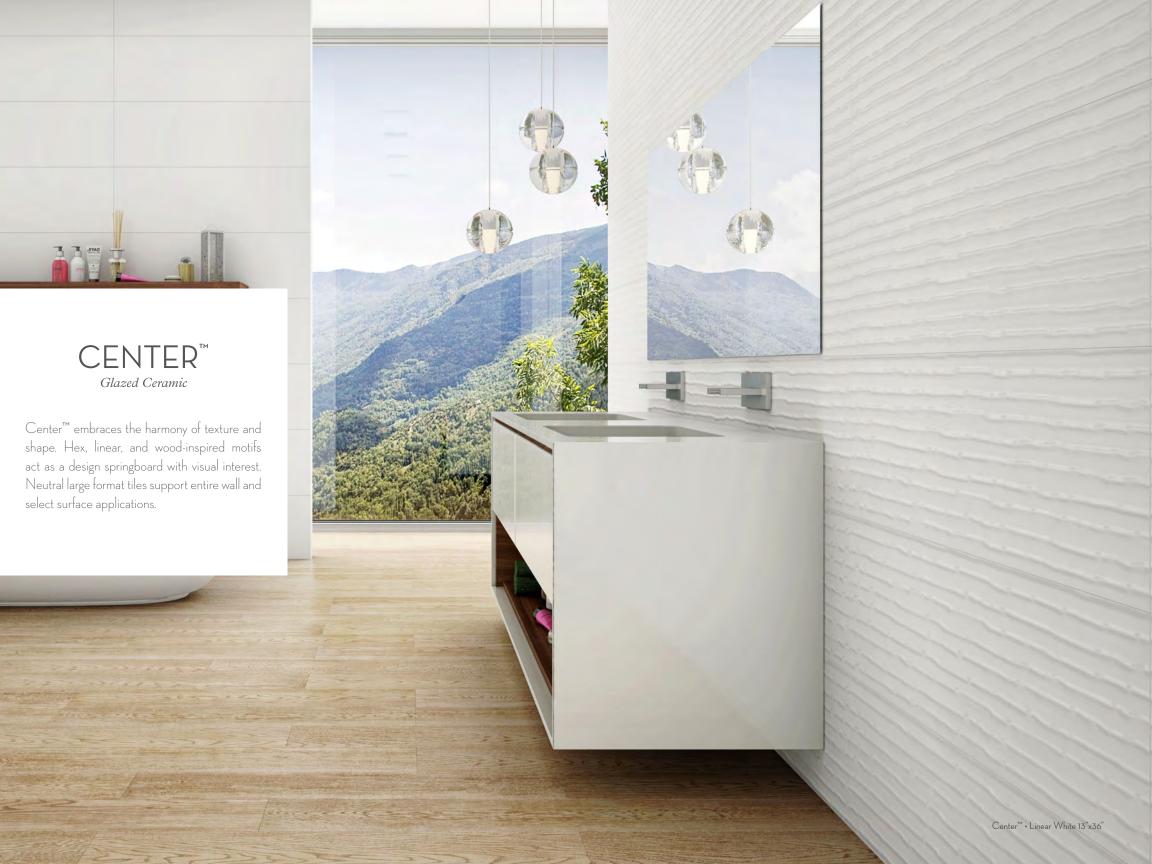
CATCH™
Glazed Ceramic

Catch™, a glazed ceramic wall tile that will capture your imagination and inspire truly one-of-a-kind designs. Available in six sizes and both a matte and glossy finish, this is no ordinary subway tile. The cool color tones are reminiscent of ocean waves and bring a sense of serenity to any room.

Catch™ • Ice Matte 4"x16"

Ice

Ivory

Gray

Fawn

Taupe

Silicon

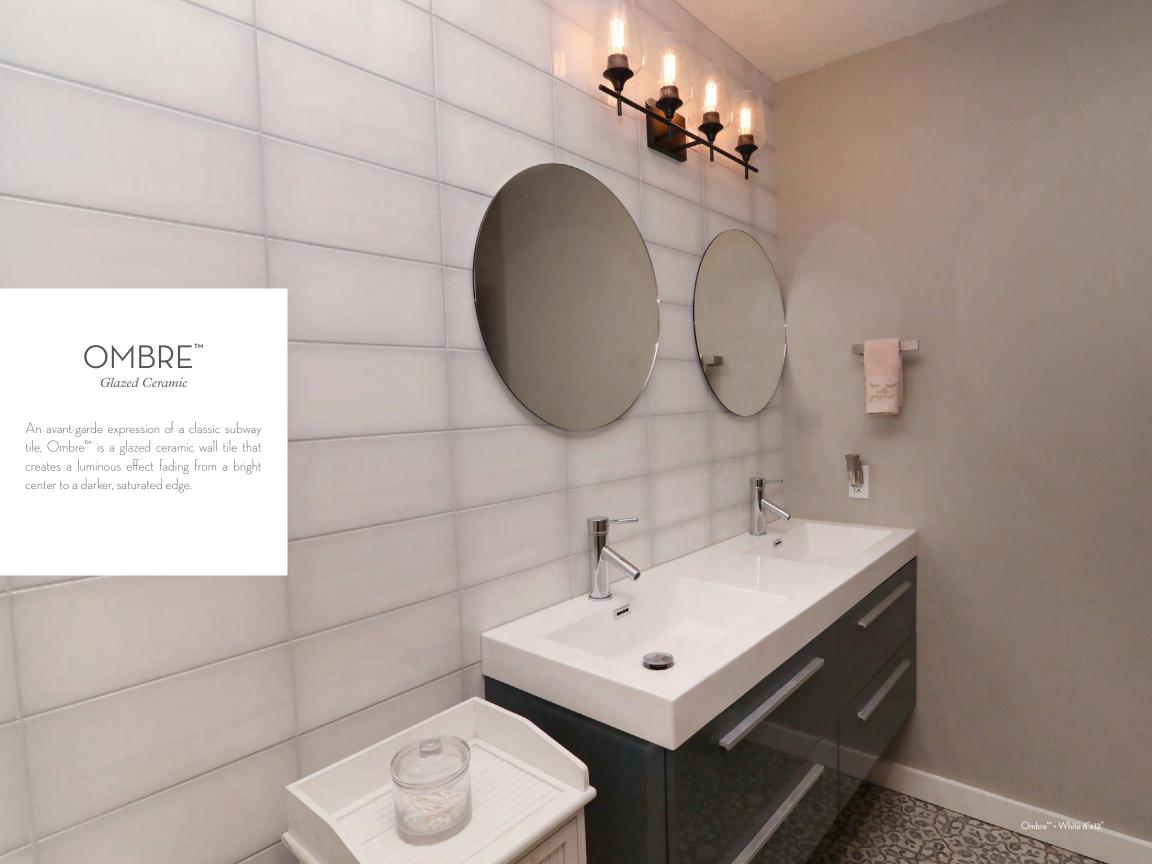All Colors Available in Size 3"x6", 3"x12", 4"x10", 4"x16", 6"x18" | Gloss & Matte Finish
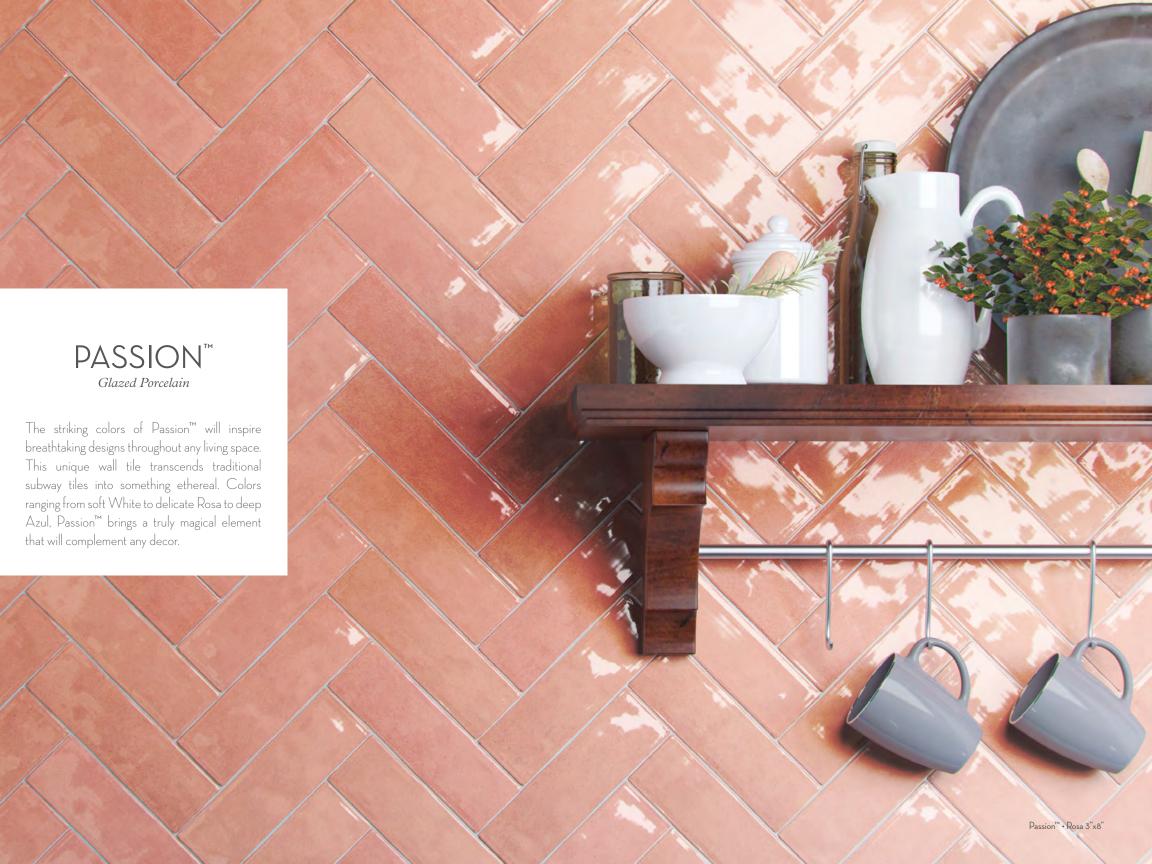Ice Color Available in Size 6"x6" | Gloss Finish

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.							Thickness	Technical Specifications				
					2"x6", 3"x12", 4"x10", 4"x16" Wall SBN		3"x6" - 7mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
					2"x2", 4"x4" Wall SBN Corner		3"x12" - 7.6mm						
					1"x6" Quarter Round		4"x10" - 8mm						
					1/2"x8" Jolly		4"x16" - 7.6mm	Results	Check Website	Check Website	Check Website	Check Website	V1
3"x6"	3"x12"	4"x10"	4"x16"	6"x18"	6"x6"	1"x1" Beak 6"x6" Cove Base (P)	6"x18" - 8mm					
2.95"x5.91"	2.95"x11.81"	3.94"x9.84"	3.94"x15.75"	5.91"x17.72"	5.91"x5.91"		6"x6" - 7mm					

Grout joint recommendation: Check Website

Green Friendly: VOC None

CENTER™

Glazed Ceramic

Center™ embraces the harmony of texture and shape. Hex, linear, and wood-inspired motifs act as a design springboard with visual interest. Neutral large format tiles support entire wall and select surface applications.

Center™ • Linear White 13"x36"
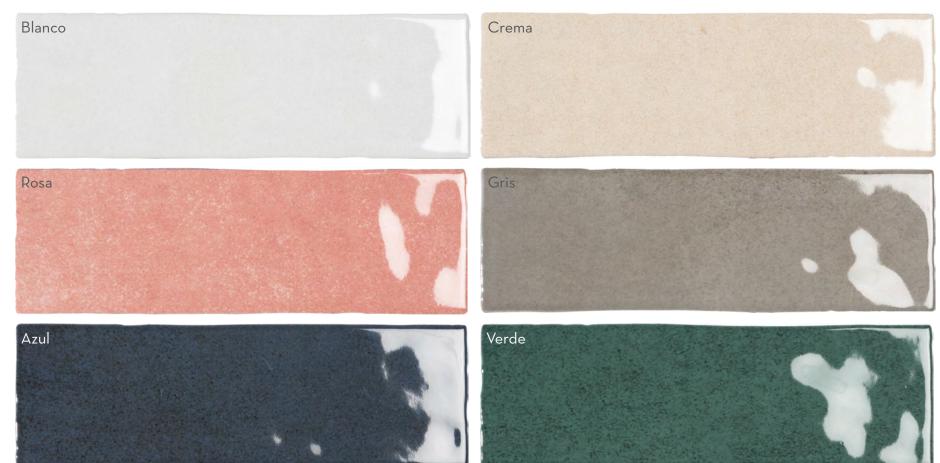
Hex White

Linear White

Wood White

All Colors Available in Size 13"x36"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
	13"x36" - 10mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
13"x36" 12.99"x35.83"		**Results**	< 250 lbf	Resistant	> 7%	5	V1

Grout joint recommendation: 1/8"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

CHOICE II™

Glazed Ceramic

Choice II™ is a smooth, simplistic tile for an unvaried approach to wall design. Solid colors in beveled and glossy finish provide a clean, modern look and allow for endless design opportunities.

Choice II™ • White Bevel 3˝x6˝

White Bevel

Fawn Bevel

Gray Bevel

All Colors Available in Size 4"x12" Bevel, 3x6" Bevel | Gloss Finish

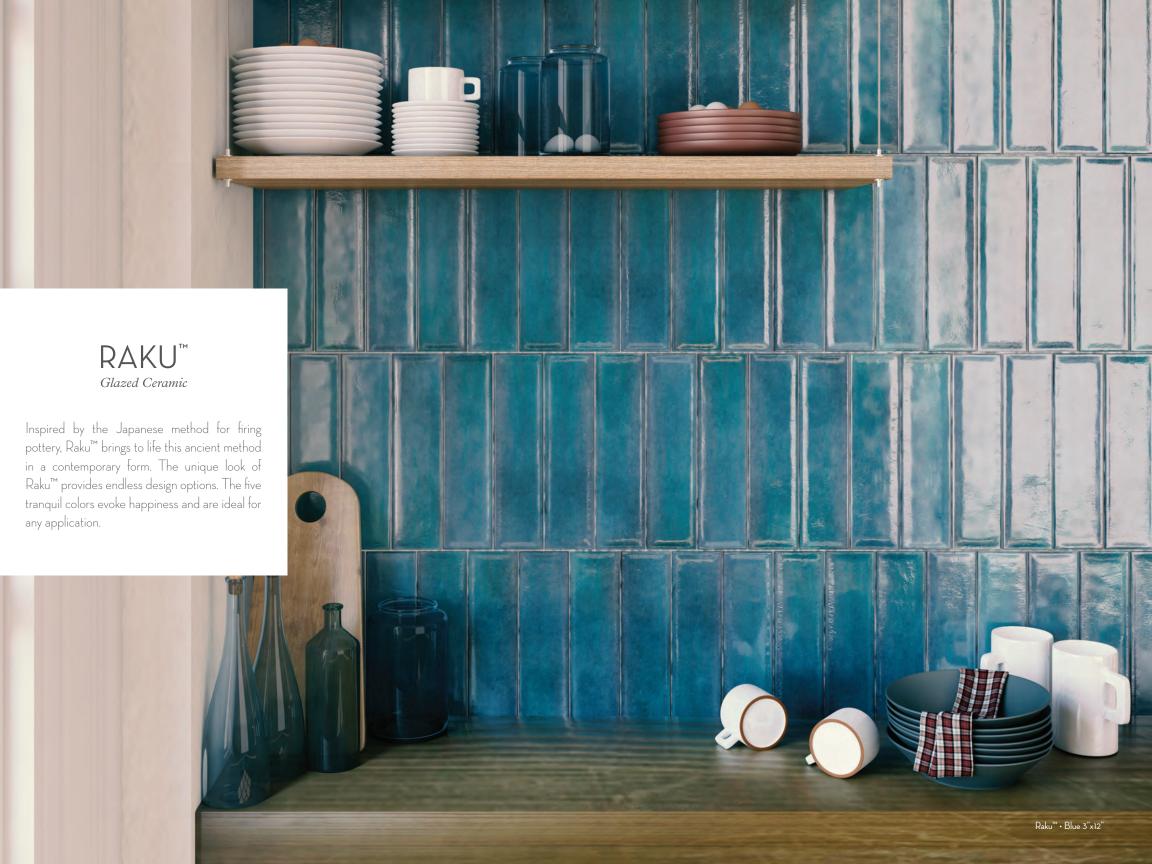Visit our website for more information on Lug and installation instructions.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
	4"x12" - 7.2mm 3"x6" - 7.2mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
4"x12" 3.94"x11.81" 3"x6" 2.95"x5.91"		Results	Check Website	Check Website	Check Website	Check Website	V1

Grout joint recommendation: 1/16" unless an offset is used. 1/8" when used in a staggered pattern, overlap not to exceed 33%

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

CODE™

Glazed Ceramic

The integration of light and shadow effects create dimensional vertical surfaces using simple shapes that shift and transform. Code™ is offered in unique shapes and sizes for a dramatic statement.

Code™ • White Wedge 3D 5"x6"

White Hexagon Smooth

Available in Size 6"x7"

White Hexagon 3D

White Hexagon High

Calacatta Hexagon High

Metallic Hexagon High

White Trapezoid

Available in Size 4"x9" | Suitable for Floor, Wall, and Outdoor Application

White Wedge Smooth

Available in Size 5"x6"

White Wedge 3D

White Wedge 3D Side View
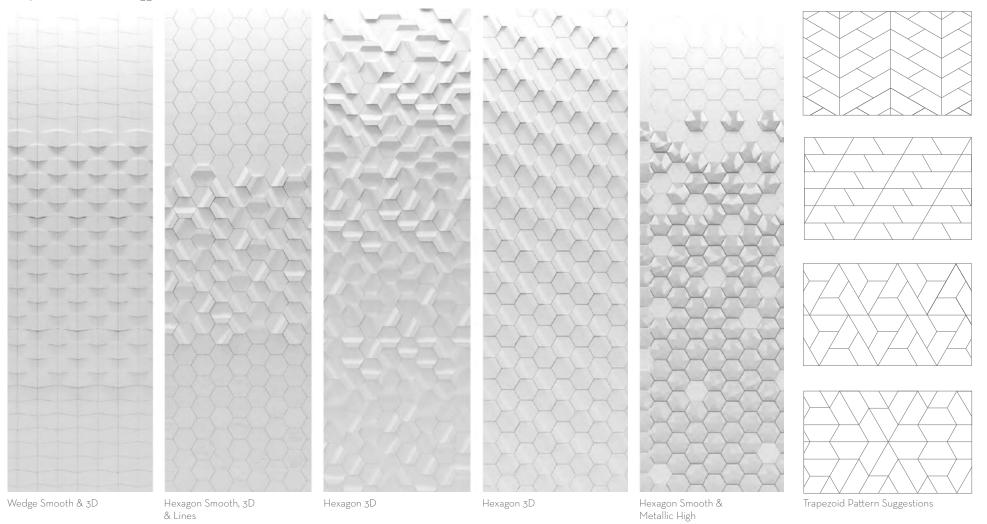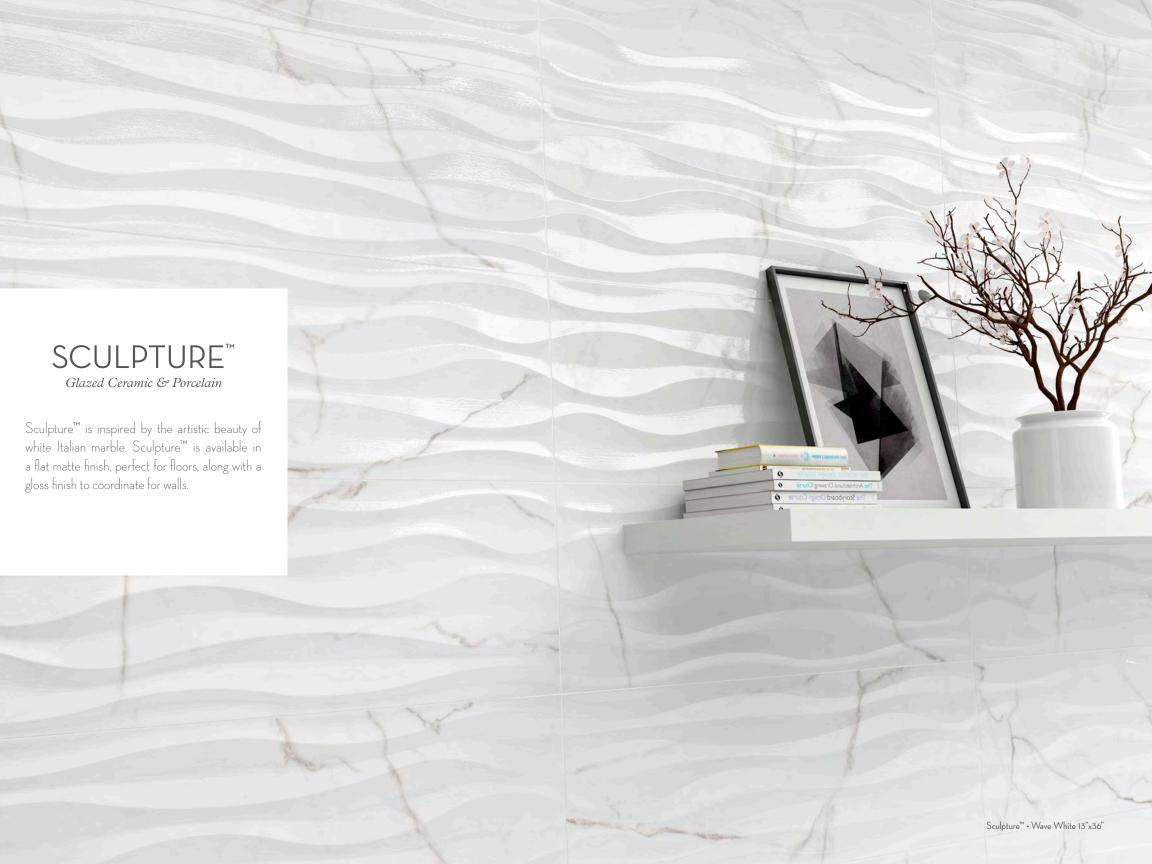
Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness		Technical Specifications					

			Hexagon Smooth - 8mm	Trapezoid - 8.5mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
6"x7" Hexagon 5.89"x6.77"	5"x6" Wedge 4.92"x5.91"	4"x9" Trapezoid 3.86"x8.98"	Hexagon 3D - 18mm Hexagon High - 21mm	Wedge Smooth - 8mm Wedge 3D - 17.7mm	Results	< 250 lbf	Resistant	> 7%	6	V2

Wall grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

CODE™

Glazed Porcelain

Trapezoid-shaped tiles allow for unique and interesting compositions. Its minimal and neutral form offers Code™ endless design opportunities for floors and walls.

3 Colors | 4 Patterns | 3 Shapes | 3 Sizes

Unique Code Pattern Suggestions:

Wedge Smooth & 3D	Hexagon Smooth, 3D & Lines	Hexagon 3D	Hexagon 3D	Hexagon Smooth & Metallic High	Trapezoid Pattern Suggestions

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Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness		Technical Specifications					
	Hexagon Smooth - 8mm	Trapezoid - 8.5mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
6"x7" Hexagon 5.89"x6.77" 5"x6" Wedge 4.92"x5.91" 4"x9" Trapezoid 3.86"x8.98"	Hexagon 3D - 18mm Hexagon High - 21mm	Wedge Smooth - 8mm Wedge 3D - 17.7mm	**Results**	≥ 250 lbf	Resistant	> 7%	6	V2

Wall grout joint recommendation: 1/8" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

COLORI™
Glazed Ceramic

Colori™ embodies modern design by embracing color in a glazed ceramic tile. A glossy finish provides reflective qualities that enhance neutrals and a saturated accent color.
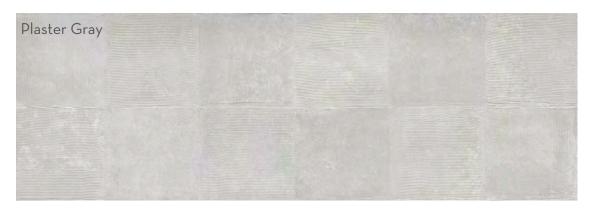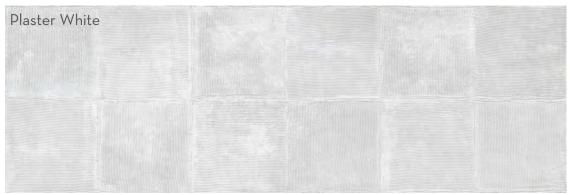
WRCID COLOR!™

White

Ivory

Gray

Taupe

Blue

All Colors Available in Size 10"x30"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
		10"x30" - 10.5mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
10"x30" 9.84"x29.53"			Results	< 250 lbf	Resistant	> 7%	5	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

CONNECT™

Glazed Porcelain

The unique design of Connect™ provides the appearance of stacked stone in a durable glazed porcelain tile. The texture and variation found on this tile perfectly captures the beautiful characteristcs of natural stone. The warm to cool colorways provide a sense of balance to any application.
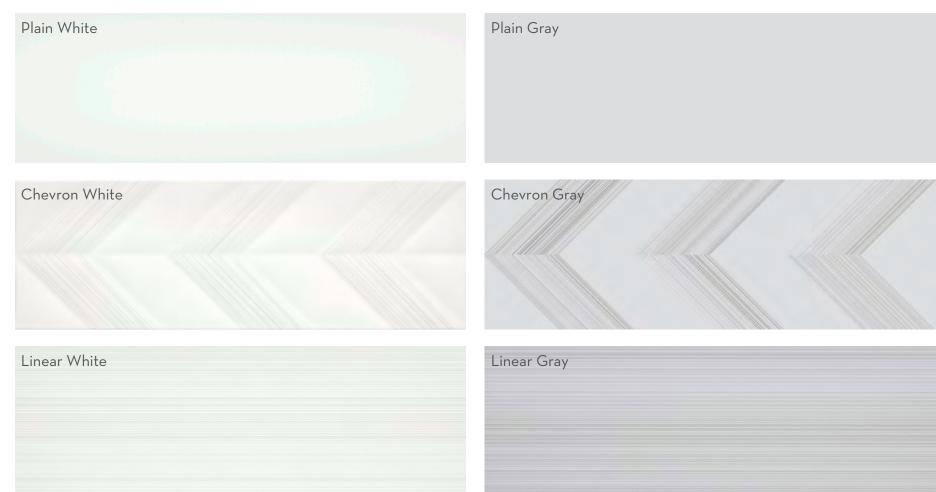
Connect™ • Coal 6"x24"

White

Ivory

Gray

Coal

All Colors Available in Size 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
6"x24" 5.91"x24.02"	6"x24" - 7mm to 11mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
		Results	Check Website	Check Website	Check Website	Check Website	V3

Grout joint recommendation: Check Website

Green Friendly: VOC None

CRAFT II™
Glazed Ceramic

Craft II™ is an intriguing statement tile for a crisp, contemporary approach to wall design. Classic neutrals take on an undulating glossy finish for a refreshing complement to any décor.

Craft II™ • White 3"x12"
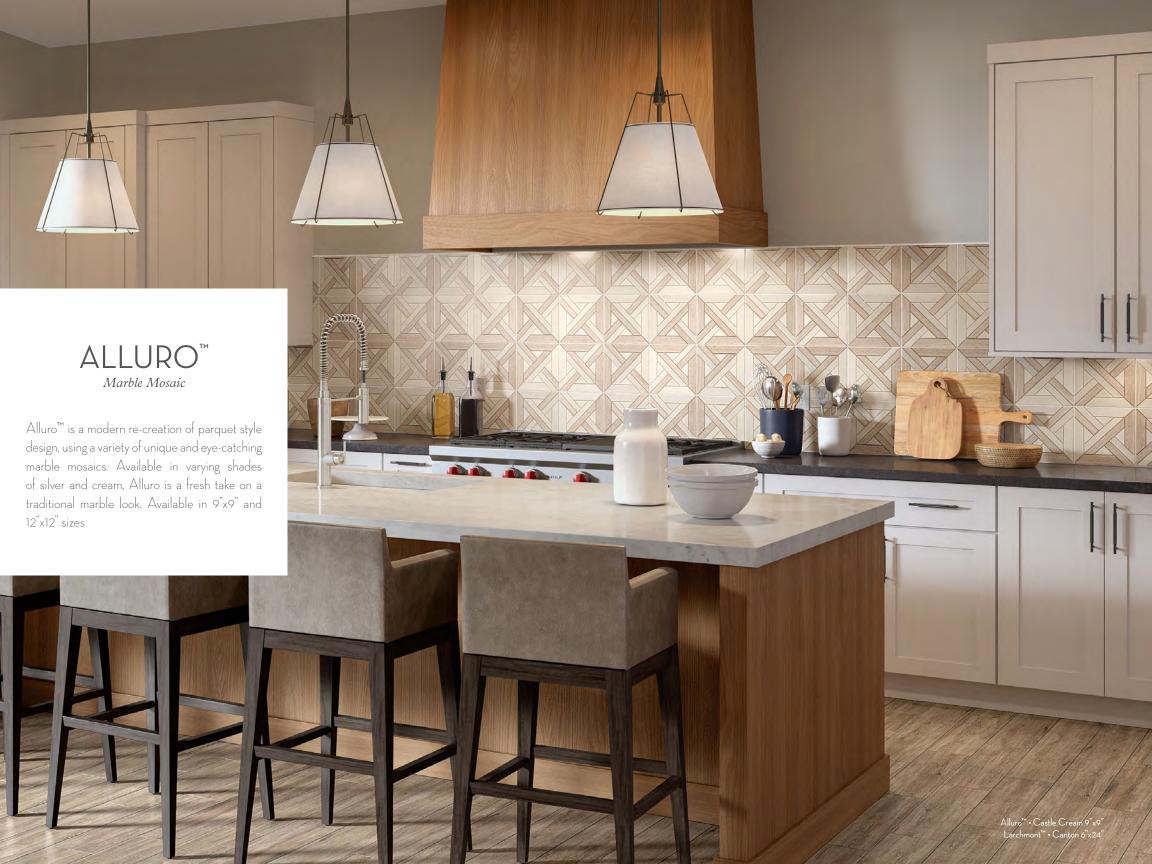
Taupe

White

Bone

Fawn

Sage

Gray

All Colors Available in Size 3"x12" | Gloss Finish

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Thickness	Technical Specifications					
				3"x12" - 9mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
3"x12" 2.83"x11.69"		3"x12" Wall SBN			Results	>300 lbf	Resistant	6.0% - 10.0%	3	V1

Grout joint recommendation: 1/16"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

EUPHORIA™

Glazed Ceramic

Euphoria™ provides a high end, art deco look to typical subway tile. Available in five stylish colors including white, ocean blue, silver, metalic gray and retro gold, Euphoria™ will complement any décor.

Euphoria™ • Ocean, Pearl, Ore 3"x12"

Pearl Arrow	Pearl Linear	Pearl Plain
Ocean Arrow	Ocean Linear	Ocean Plain
Gold Arrow	Gold Linear	Gold Plain
Ore Arrow	Ore Linear	Ore Plain
Silver Arrow	Silver Linear	Silver Plain

All Colors & Patterns Available in Size 3"x12"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications					
3"x12" 2.95"x11.81"		3"x12" - 7.5mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
			Results	Check Website	Check Website	Check Website	Check Website	V1

Grout joint recommendation: Check Website

Green Friendly: VOC None

EXPRESS™

Glazed Ceramic

With Express™ your inner artist will flourish. The unique patterns allow for either a designed pattern, or mix and match for a truly random, and stylized design. Whether you are a design expert or simply want to look like one, Express™ is the ideal product.

Blue Aglow

Blue Burst

Blue Glare

Blue Linear

All Colors & Patterns Available in Size 3"x12"

Fawn Aglow

Fawn Burst

Fawn Glare

Fawn Linear

White Aglow

White Burst

White Glare

White Linear

Gray Aglow

Gray Burst

Gray Glare

Gray Linear

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications				
3"x12" 2.95"x11.78"		3"x12" - 8.5mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
			Results	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: Check Website

Green Friendly: VOC None

FLEX™

Glazed Ceramic

Flex™ captures the essence of subway tile for unique vertical installations. A variety of tile sizes guide timeless neutrals across walls and surfaces. The series is available in matte and glossy finishes for an array of aesthetics.

Flex™ • Fawn 4"x16"

White

Bone

Fawn

Gray

Taupe

All Colors Available in Sizes 4"x16", 4"x10", 3"x6" | **Matte & Gloss Finish**

White Available in Size 6"x6" | **Matte & Gloss Finish**

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Thickness	Technical Specifications				
6"x6" 6.07"x6.07"	4"x16" 4.31"x16.00"	4"x10" 4.31"x9.86"	3"x6" 3.04"x6.07"						
			2"x6", 4"x16" Wall SBN	6"x6" - 7mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
			2"x2", 4"x4" Wall SBN Corner	4"x16" - 8mm 4"x10" - 7.3mm						
			1"x6" Quarter Round	3"x6" - 7mm	Results	>125 lbf	Resistant	<20.%	Check Website	V1
			1/2" x 6" Jolly							

Grout joint recommendation: 1/16"

Green Friendly: VOC None

FREGIO™

Glazed Ceramic

Capture the majesty of ancient Greek and Roman civilizations with Fregio™. This ceramic tile harkens to the storied era of conquering empires and brings the look of rugged, chiseled marble to any design.
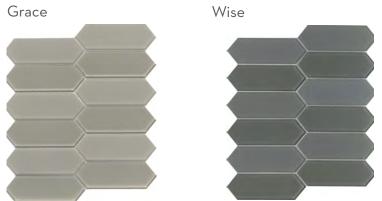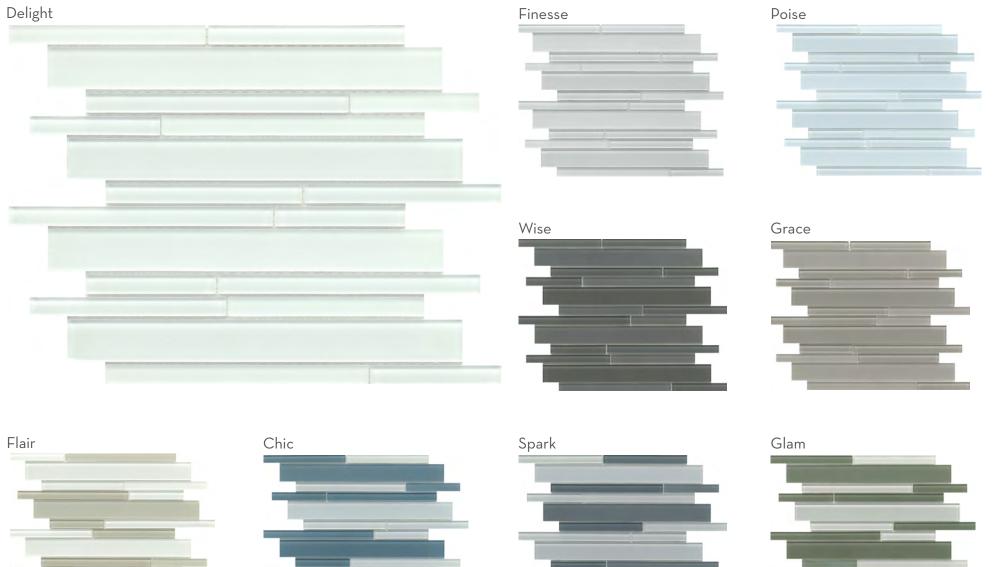
Ivory

Plain Ivory

Gray

Plain Gray

Charcoal

Plain Charcoal
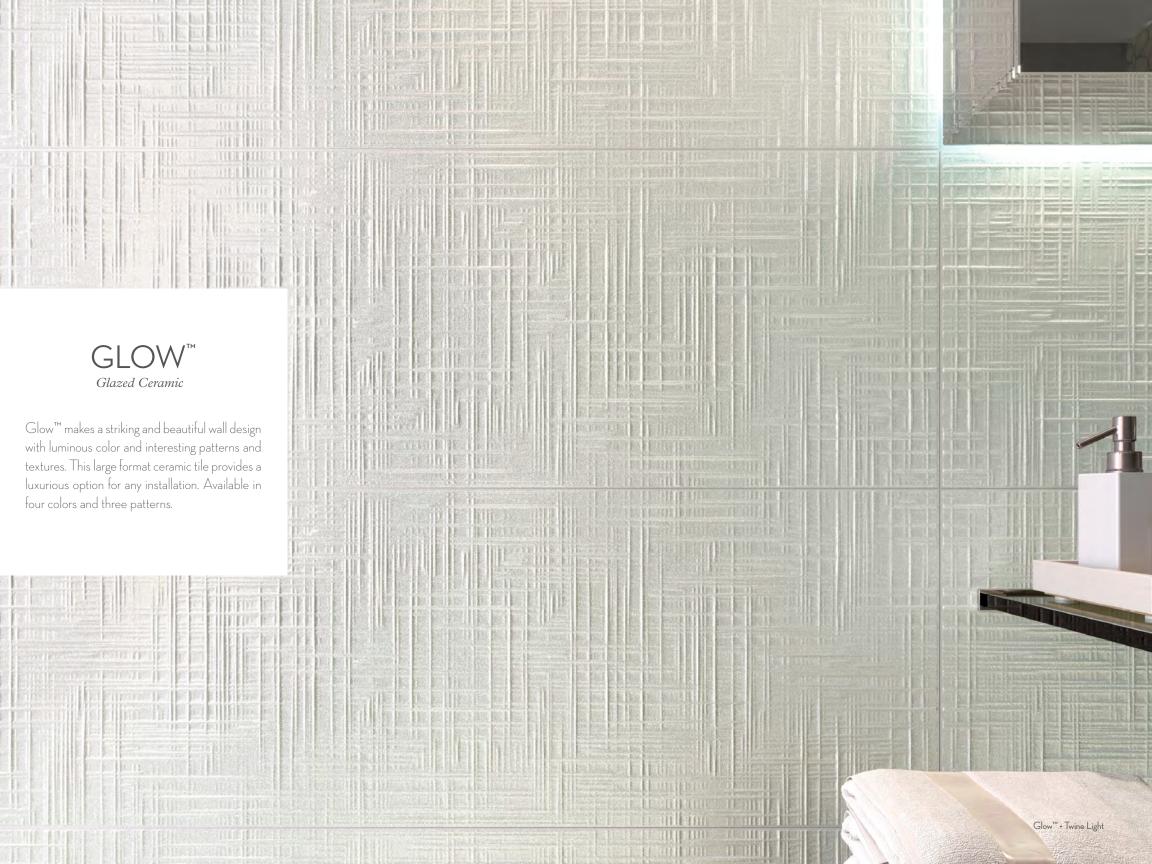
All Colors Available in Size 6"x20"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
6"x20" 6.42"x20.35"	6"x20" - 11.5mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
		Results	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: Check Website

Green Friendly: VOC None

GLOW™

Glazed Ceramic

Glow™ makes a striking and beautiful wall design with luminous color and interesting patterns and textures. This large format ceramic tile provides a luxurious option for any installation. Available in four colors and three patterns.

Glow™ • Twine Light

Light

Sage

Gray

Blue

Twine Light

Structure Light

All Colors Available in Size 17"x47"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
		17"x47" - 10mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
17"x47" 16.73"x46.93"			**Results**	>350 lbf	Resistant	7.0% - 20%	Check Website	V2

Grout joint recommendation: 1/8"

JAZZ™
Glazed Ceramic

Jazz™ is an ornamental wall tile with three-dimensional, large-scale designs. Contemporary leaf and ripple-inspired patterns take shape in bright white. Gloss finish allows for specific design statements.

Jazz™ • White Ripple

White Ripple

White Bloom
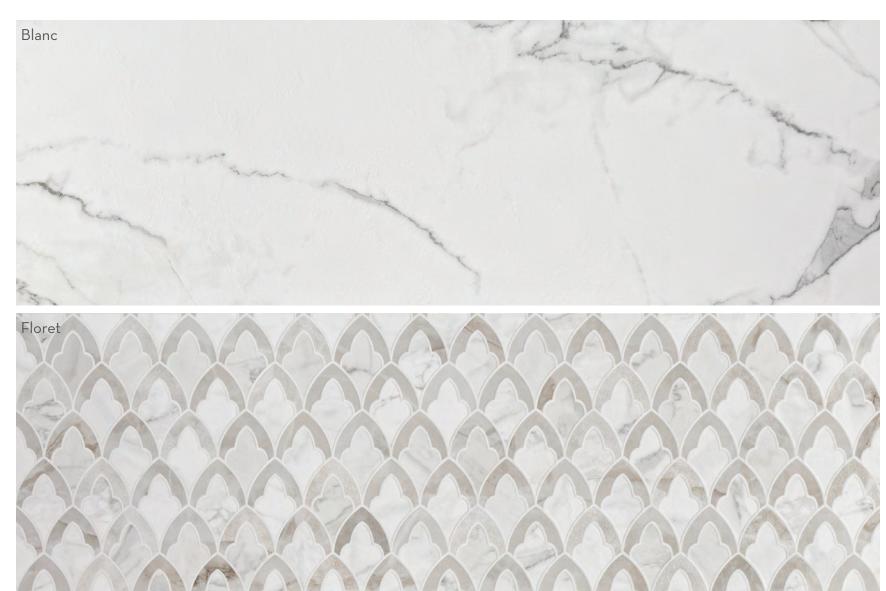
All Patterns Available in Size 12"x24" | Gloss Finish

Jazz™ is a fashion decorative wall tile that should be handled with care during installations. For best results, avoid abrasive materials while handling, installing or cleaning. Normal cleaning with soapy water or a non-abrasive glass cleaner is recommended.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications					
		12"x24" - 10mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 11.81"x23.62"			Results	≤ 250 lbf	Resistant	> 7%	5	V1

Grout joint recommendation: 1/8"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

MARQUESA™

Glazed Ceramic

The designs of Marquesa™ offer a sense of refinement and timeless beauty. The floret pattern instills a regal air while the blanc pattern offers a fresh and modern feel. The large format size and classic marble look make this ceramic tile an ideal choice for any application.

Marquesa™ • Blanc and Floret 16"x47"

Blanc

Floret

All Colors Available in Size 16"x47"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
		16"x47" - 11mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
16"x47" 15.75"x47.24"			Results	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: 1/16"

Green Friendly: VOC None

MOTIF II™

Glazed Ceramic

Motif II™ rediscovers the ebb and flow of decorative patterns found in visual art. A delicate lace overlay defines this glazed ceramic subway tile collection. With a selection of neutrals, the collection's understated texture and glossy finish combine to create a unique aesthetic.

Motif II™ • White and Sky 4"x12"

White	Bone
Taupe	Mocha
Sky	Charcoal

All Colors Available in Size 4"x12"
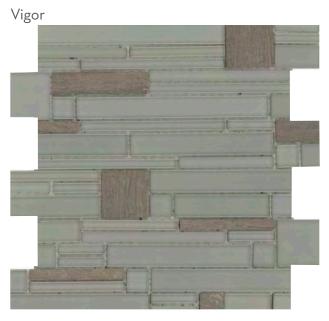
Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
		4"x12" - 9mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
4"x12" 3.82"x11.69"			**Results**	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: 3/16"

Green Friendly: VOC None

NUOVO™
Glazed Ceramic

Nuovo™ illustrates undeniable glamour and sophistication through form and texture in a glazed ceramic wall tile. Distinct large-scale geometry is amplified with small-scale etched details to refract light and complement other textures. Four patterns add dimensionality to luxurious design statements or subtle backdrops.

Nuovo™ • Princess White, Zelda White 12"x35"

Cubic White

Princess White

Royal White
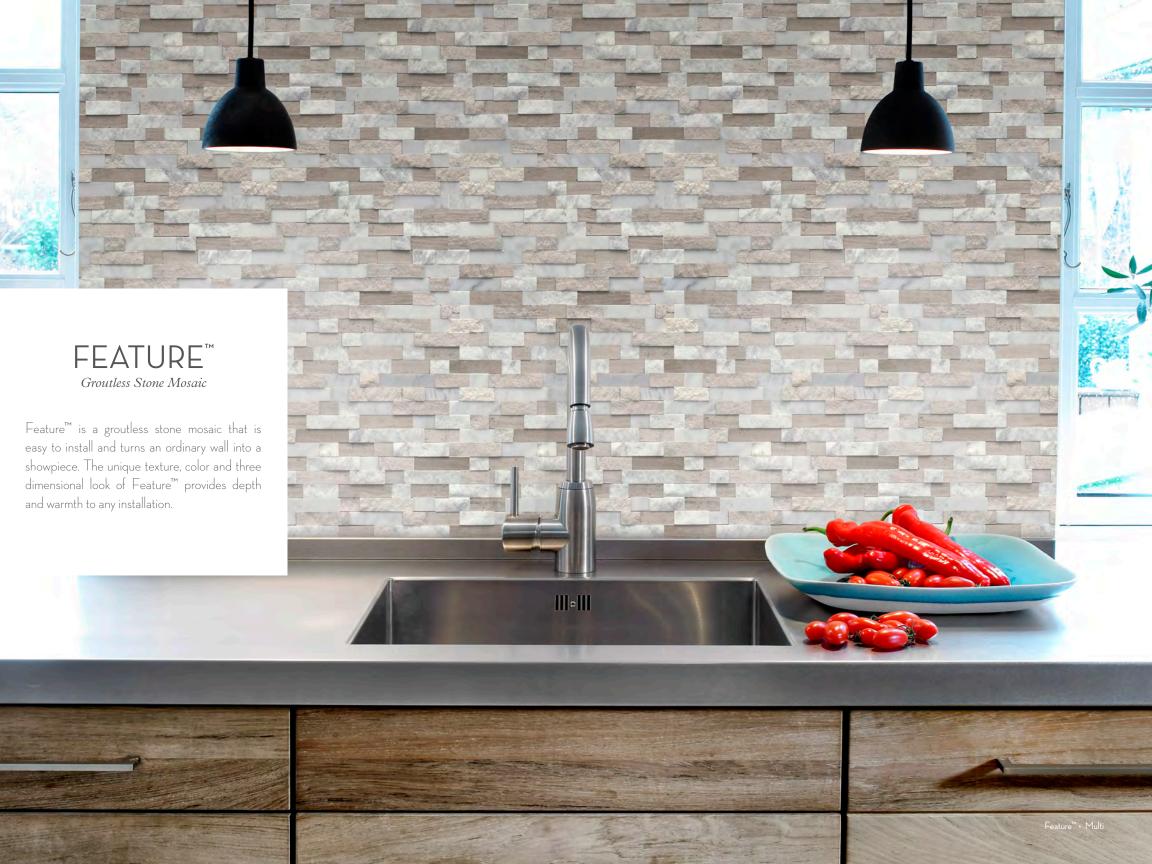
Zelda White

Lined White
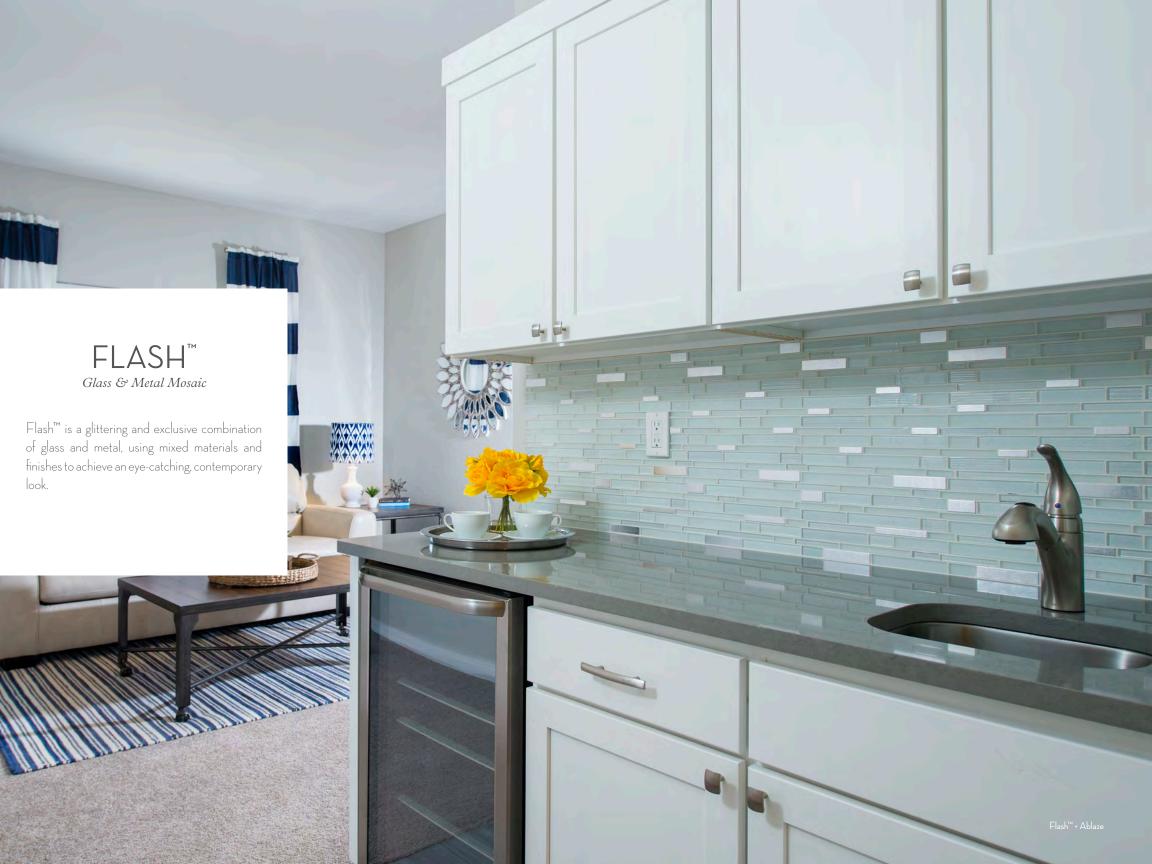
All Colors Available in Size 12"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
	12"x35" - 10.6mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
12"x35" 11.61"x35.43"		Results	≤ 250 lbf	Resistant	> 7%	5	V1

Grout joint recommendation: 1/16"

OMBRE™
Glazed Ceramic

An avant-garde expression of a classic subway tile, Ombre™ is a glazed ceramic wall tile that creates a luminous effect fading from a bright center to a darker, saturated edge.

Ombre™ • White 6"x12"

6 Colors | 1 Size

White

Ivory

Taupe

Silver

Blue

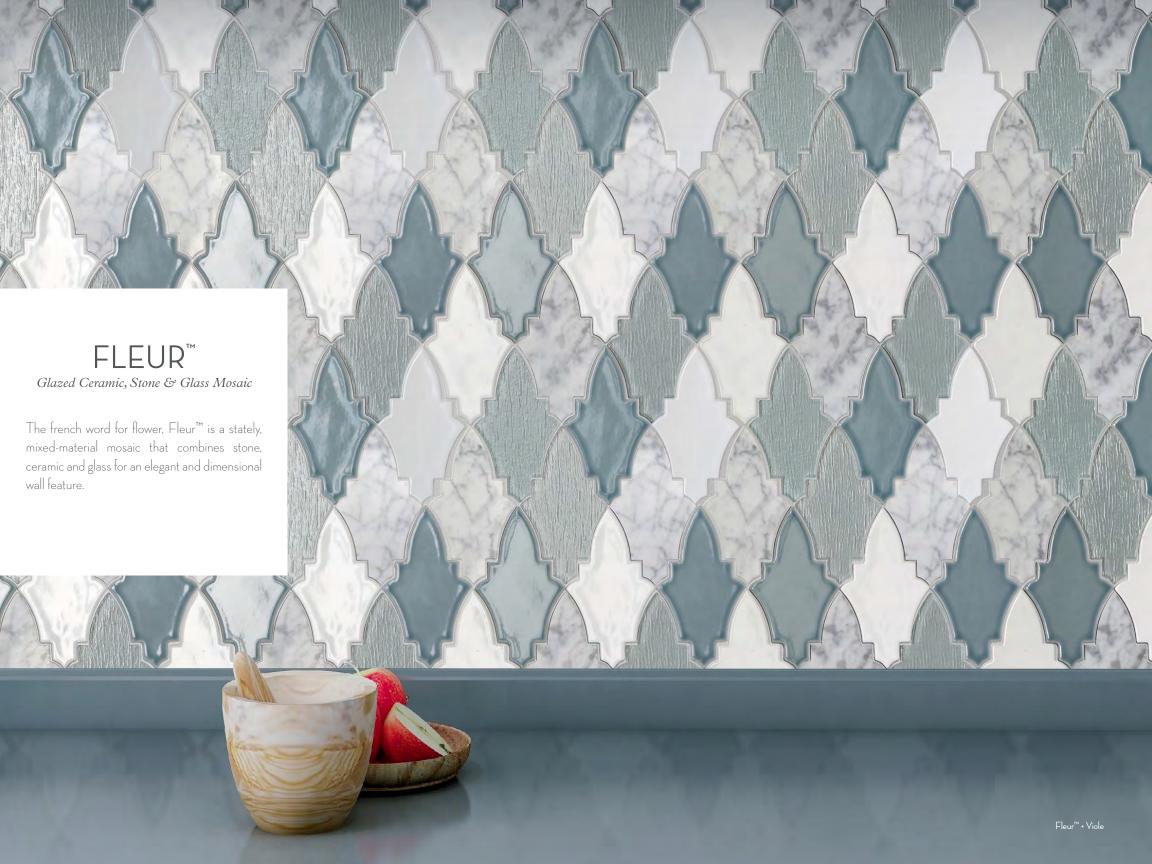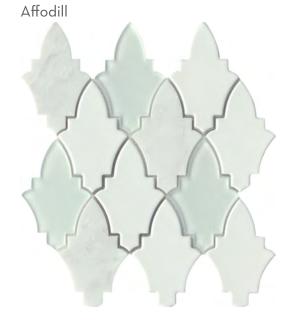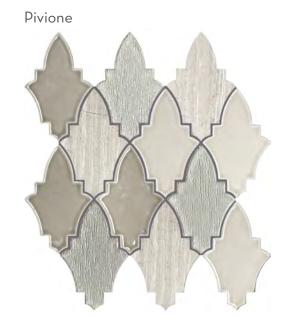Graphite

All Colors Available in Size 6"x12"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications					
	6"x12" - 9mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
6"x12" 6"x12" 4"x12" Wall SBN		Results	< 250 lbf	Resistant	> 7%	4	V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

PASSION™

Glazed Porcelain

The striking colors of Passion™ will inspire breathtaking designs throughout any living space. This unique wall tile transcends traditional subway tiles into something ethereal. Colors ranging from soft White to delicate Rosa to deep Azul, Passion™ brings a truly magical element that will complement any decor.

Passion™ • Rosa 3"x8"

Blanco

Crema

Rosa

Gris

Azul

Verde

All Colors Available in Size 3"x8"

Color Variation:

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications					
			3"x8" - 10mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
3"x8" 2.56"x7.87"	1/2"x8" Jolly			**Results**	Check Website	Check Website	Check Website	Check Website	V3

Grout joint recommendation: Check Website

Green Friendly: VOC None

RAKU™

Glazed Ceramic

Inspired by the Japanese method for firing pottery, Raku™ brings to life this ancient method in a contemporary form. The unique look of Raku™ provides endless design options. The five tranquil colors evoke happiness and are ideal for any application.

Raku™ • Blue 3"x12"

White

Silver
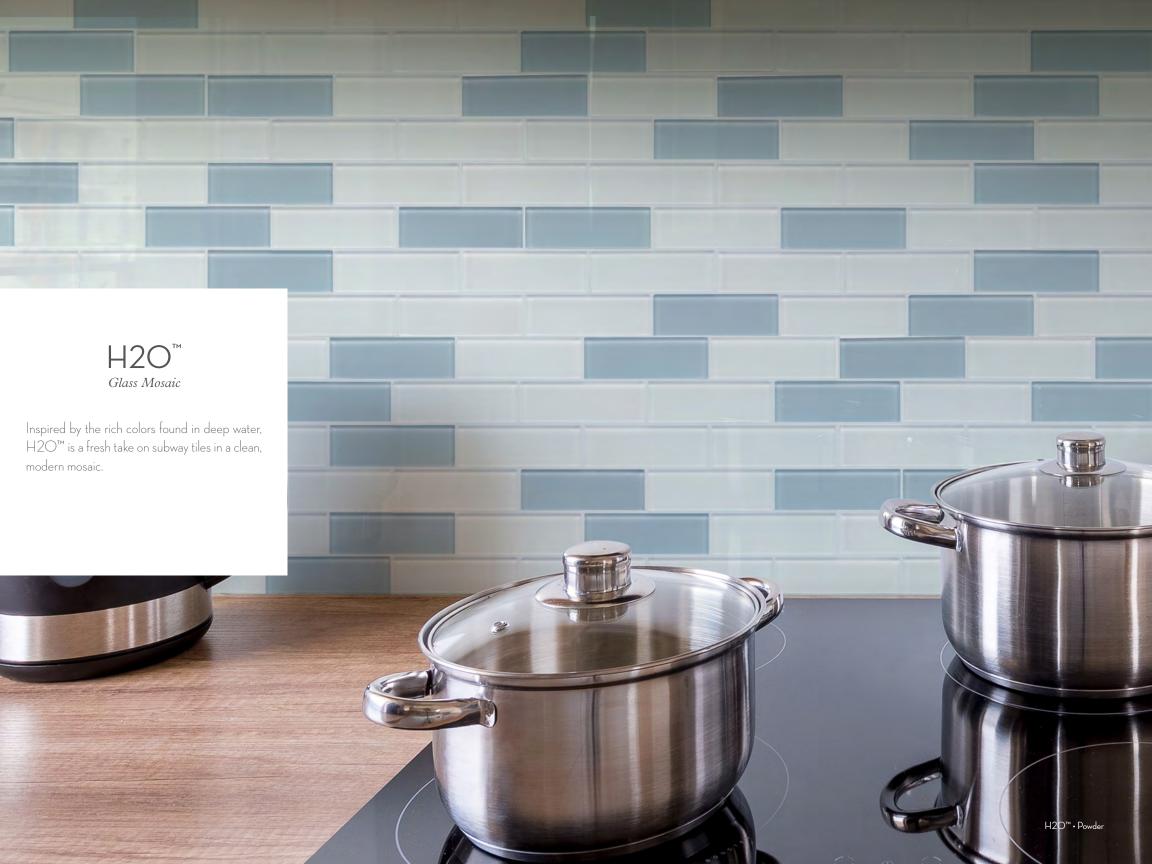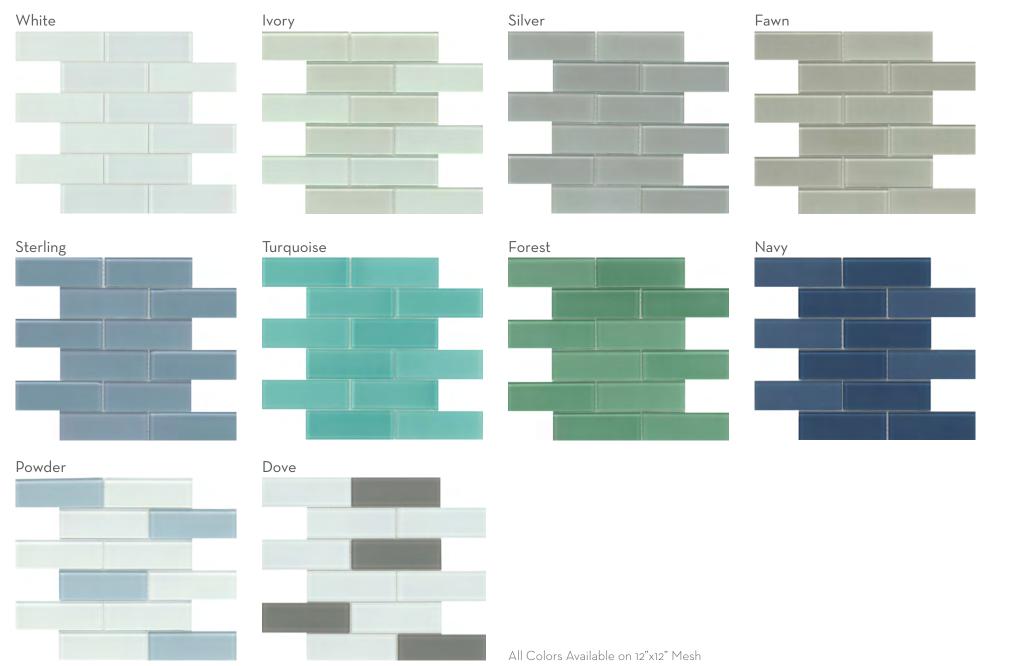
Ocean

Blue

Charcoal

All Colors Available in Size 3"x12"

Color Variation:

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
		3"x12" - 10mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
3"x12" 2.95"x11.81" 1/2"x12" Jolly			**Results**	Check Website	Check Website	Check Website	Check Website	V3

Grout joint recommendation: Check Website

Green Friendly: VOC None

RIFT™
Glazed Ceramic

Rift™ offers a natural stone look in a plank size. The unique linear design in each tile provides dimension and character making this a stand out in any setting. The subtle coloring and shading throughout the tiles makes Rift™ a timeless classic.

Rift™ • Gray 16"x47"

White

Buff

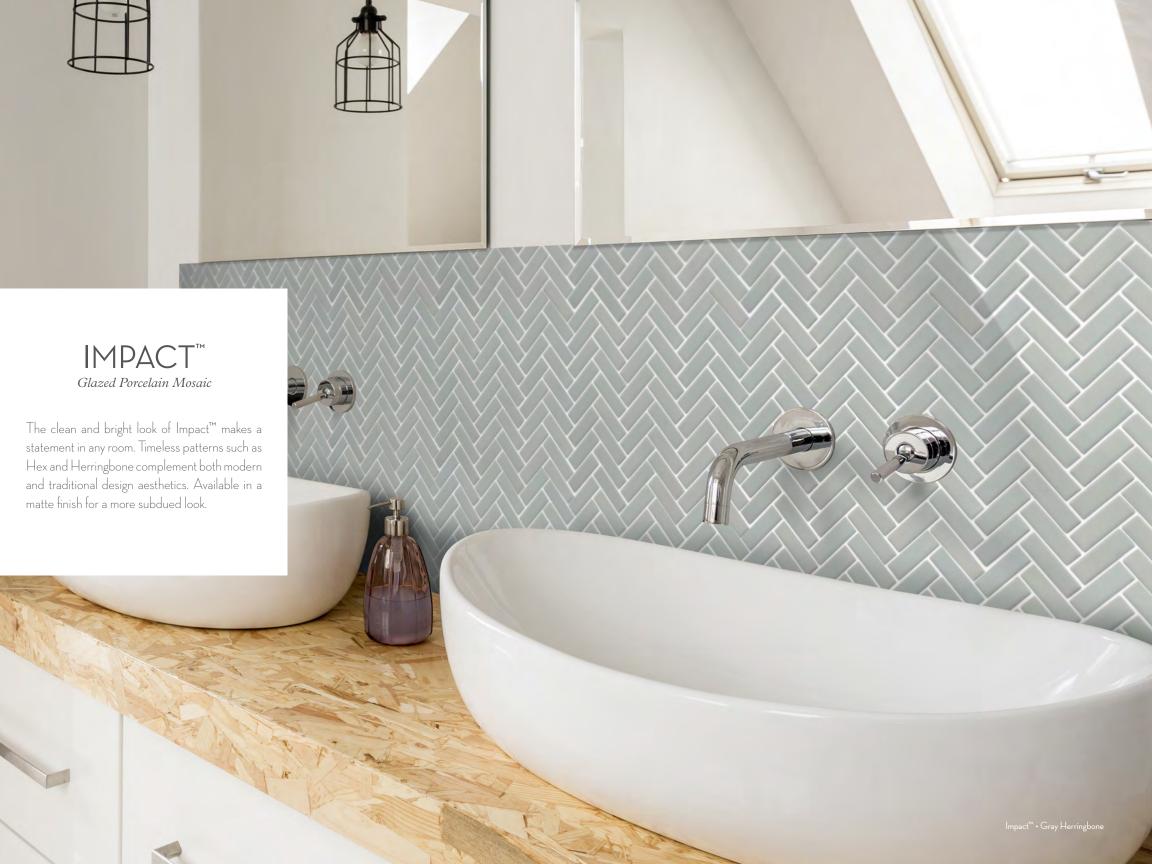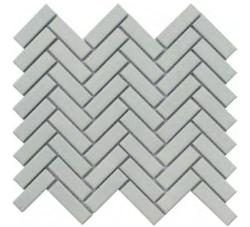Gray

All Colors Available in Size 16"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
	16"x47" - Check Website	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
16"x47"		**Results**	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: Check Website

Green Friendly: VOC None

SCULPTURE™

Glazed Ceramic & Porcelain

Sculpture™ is inspired by the artistic beauty of white Italian marble. Sculpture™ is available in a flat matte finish, perfect for floors, along with a gloss finish to coordinate for walls.

Sculpture™ • Wave White 13"x36"

FW R C ID OD

SCULPTURE™

Flat White	Wave White	Chevron White
Flat Venato	Wave Venato	Chevron Venato
Flat Oro	Wave Oro	Chevron Oro

Flat, Wave, and Chevron Colors Available in Size 13"x36" Gloss Finish | Suitable for Wall Applications Only

All Colors in Flat Available in Size 12"x24" Matte Finish | Suitable for Floor, Wall, and Outdoor Applications

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				

13"x36" Wall
12.99"x35.83"

12"x24" Floor
12.01"x24.21"

3"x12"
Floor SBN

Thickness

13"x36" - 10.5mm
12"x24" - 10mm

Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
Results	F: > 500 lbf W: > 300 lbf	F: Resistant W: Non Resistant	F: < .50% W: > .7%	F: 6 W: 5	V2

Wall grout joint recommendation: 1/16" | Floor grout joint recommendation: 3/16" | Always consult a professional installer for proper usage outdoors.

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

SONATA™

Glazed Ceramic

Fashioned after it's musical name, Sonata™ is a large format tile that embodies delicately balanced movement through its design. Featuring a subtle raised element that adds dimension and texture. Sonata's elegant pattern flow provides interest and intrigue to any environment.
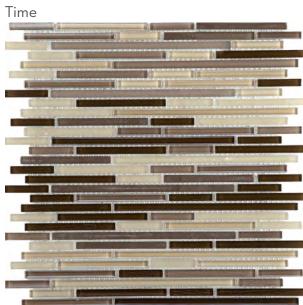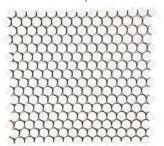
Sonata™ • White 16"x47"

White

Available in Size 16"x47"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
		16"x47" - Check Website	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
16"x47"			**Results**	Check Website	Check Website	Check Website	Check Website	Check Website

Grout joint recommendation: Check Website

Green Friendly: VOC None

SPHERE™

Glazed Ceramic

The symmetrical nature of Sphere™ provides a three dimensional look that transcends classic subway tiles. The neutral color palette makes for a comforting environment. The standard size and complementary colorways offer an opportunity to mix-and-match for a truly unique look.

Sphere™ • Mint & Ivory 3"x12"

White

Ivory

Fawn

Mint

Taupe

Black

All Colors Available in Size 3"x12"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
3"x12" 2.95"x11.81"	3"x12" - 9mm	Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
		Results	Check Website	Check Website	Check Website	Check Website	V2

Grout joint recommendation: Check Website

SYNERGY™

Glazed Ceramic

Synergy™ combines texture with a hint of luminescence. This large format glazed ceramic tile provides a three dimensional effect with a contemporary and clean plaster look to a subtly shimmering chevron pattern. Synergy has a look for any application.

Synergy™ • Plaster Gray 16"x47"

Chevron White

Plaster Gray

Plaster White

All Colors & Patterns Available in Size 16"x47"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
		Test Method	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
16"x47" 15.67"x47.16"	16"x47" - 10.9mm	**Results**	Check Website	Check Website	Check Website	Check Website	Chevron - V1 Plaster - V2

Grout joint recommendation: 1/8"

Green Friendly: VOC None

VERTIGO™
Glazed Ceramic

The sleek patterns and soft colors of Vertigo™ coordinate to create a contemporary look. Patterns include plain, linear and chevron. Its unique size and glossy appearance give Vertigo™ a sophisticated and modern edge.

Vertigo™ • White Chevron 10"x30"

Plain White

Plain Gray

Chevron White

Chevron Gray

Linear White

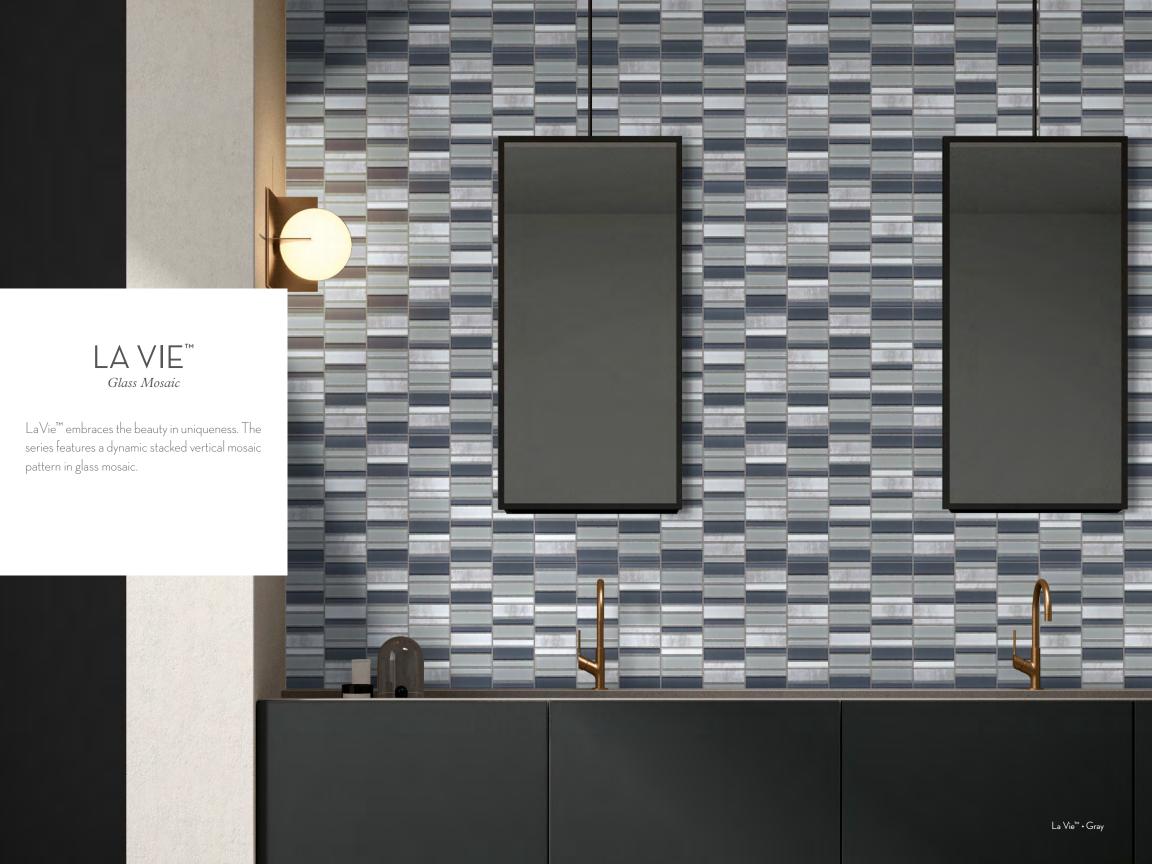Linear Gray

All Colors & Patterns Available in Size 10"x30"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications				
	10"x30" - 8mm	**Test Method**	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	Scratch Hardness MOHS	Shade Variation Rating
10"x30" 9.84"x29.53"		**Results**	≤ 250 lbf	Non Resistant	≤ 5%	5	V1

Grout joint recommendation: 3/16"

Green Friendly: VOC None | Recycled Content 0% Pre & Post-Consumer

COLLECTION	SIZE
ALLURO	9x9
	12x12
CATALYST	13x14
CHARISMA	10x12
	10x13
	11x12
CONCEPT	8x10
	8x12
	10x12
	11x12
CONFETTI II	12x12
CULTURA	12x12
DIVA	10x12
ECHO	10x12
	11x13
	12x14
EDGE	12x12
ENTITY	12x12
FEATURE	12x18
FLASH	12x12
FLEUR	11x12
GLEAM	11x11
	11x12
	12x12
GLITZ	12x12
H20	12x12
HARLEQUIN	12x13
ILLUMINA	12x12
IMPACT	11x12
	11x13
	12x12
IMPULSE	14x15
INFINITY	12x12
INFLUENCE	10x11
	10x12
	11x12
	11x13

COLLECTION	SIZE
INTRIGUE	11x15
	12x12
	12x14
IRISH	8x11
LA VIE	12x12
LINK	12x17
	12x18
LITERATI	12x12
LUCENTE	3x6
	12x12
	12x13
	13x13
MOROCCO	10x11
MYTHOS	11x12
	11x13
	12x12
PICKET	10x11
RETRO II	9x10
RIVERA PEBBLES	12x12
SOURCE	9x10
	11x11
	12x12
SPLASH	10x10
	10x14
	11x12
	12x13
UNIQUE	12x12
VENETIAN PEBBLES	12x12
VISTA	12x12
	12x13
VOLARE	12x12
ZEN	6x24

DECORATIVE TILE

ALLURO™

Marble Mosaic

Alluro™ is a modern re-creation of parquet style design, using a variety of unique and eye-catching marble mosaics. Available in varying shades of silver and cream, Alluro is a fresh take on a traditional marble look. Available in 9"x9" and 12"x12" sizes

Alluro™ • Castle Cream 9"x9"
Larchmont™ • Canton 6"x24"

Mini Castle Cream

Mini Manor Cream

Mini Palace Cream

Mini Castle Silver

Mini Manor Silver

Mini Palace Silver

All Mini Patterns Above Available in 12"x12"

Castle Cream

Manor Cream

Palace Cream

Castle Silver

Manor Silver

Palace Silver

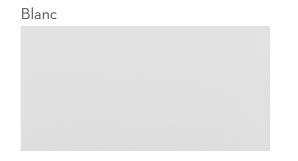All Patterns Above Available in 9"x9"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" 12"x12" 9"x9" 9.02"x9.02"	All sizes - 10mm	Test Method	Shade Variation
		Results	V2

CATALYST™

Resin Cast Stone & Glass Mosaic

With an interesting mix of materials, Catalyst™ creates an exclusive collection of surface effects. This line presents an array of options using hexagon shaped mosaics and combinations of textures made of glass, cast stone and natural stone.

Catalyst™ • Hydrogen

Jasper

Hydrogen

Pluto

Oxygen

## Saturn

All Colors Available on 13"x14" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
13"x14" Mesh 12.59"x13.62"	13"x14" - 8mm	Test Method	Shade Variation
		Results	V2

CHARISMA™
Glass Mosaic

Charisma™ captures the modern mosaic with picket, linear, and herringbone motifs. A wide array of soft tones alternate in varying degrees for lively visual appeal. The contemporary glass mosaic series is a blend of gloss and matte finish.

Charisma™ • Grace Herringbone

9 Colors | 3 Patterns | 3 Sizes

Delight

Finesse

Poise

Wise

Grace

Flair

Chic

Spark

Glam
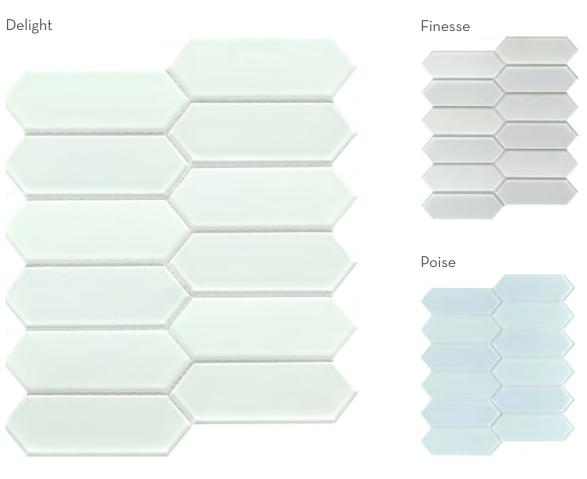
All Herringbone Colors Available on 10"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
10"x13" Mesh 9.76"x12.60" 11"x12" Mesh 10.71"x11.81" 10"x12" Mesh 10.24"x11.81"	All sizes - 4mm	Test Method	Shade Variation
		Results	V1

CHARISMA™

Glass Mosaic

Delight

Finesse

Poise

Grace

Wise

All Picket Colors Available on 10"x12" Mesh

Delight

Finesse

Poise

Wise

Grace

Flair

Chic

Spark

Glam

All Linear Colors Available on 11"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
10"x13" Mesh 9.76"x12.60"	11"x12" Mesh 10.71"x11.81"	10"x12" Mesh 10.24"x11.81"	All sizes - 4mm	Test Method	Shade Variation
				Results	V1

CONCEPT™

Glazed Glass Mosaic

Concept™ is a glazed glass mosaic that resembles porcelain tile. The modern shapes and neutral tones offer striking designs for walls. This series is available in a glossy finish for added interest.

Fawn 2" Hex

Fawn Picket

Fawn Cube

Fawn Chevron

Gray 2" Hex

Gray Picket

Gray Cube

Gray Chevron

White 2" Hex

White Picket

White Cube

White Chevron

All Hex Colors Available
on 11"x12" Mesh

All Picket Colors Available
on 8"x10" Mesh

All Cube Colors Available
on 10"x12" Mesh

All Chevron Colors Available
on 8"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
11"x12" Mesh 10.62"x12.4" 8"x10" Mesh 8.34"x12.4" 10"x12" Mesh 10.24"x11.81" 8"x12" Mesh 8.34"x12.4"	All sizes - 6mm	Test Method	Shade Variation
		Results	V1
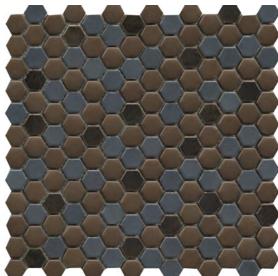
CONFETTI II™

Recycled Glass & Porcelain Mix Mosaic

Confetti II™ offers solid and multicolor blends in penny round and hexagon mosaics. This series can be used on its own to make a statement or as a decorative accent.

Confetti II™ • Hexagon Bronze

Hexagon Metal Blend

Hexagon Bronze

Hexagon Freddo Blend
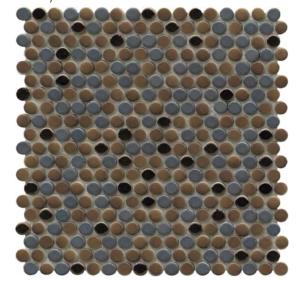
Hexagon White
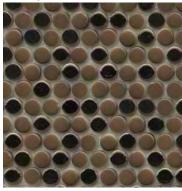
All Hexagon Colors Available on 12"x12" Mesh
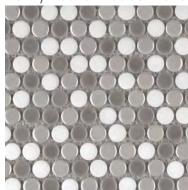
Penny Round Metal Blend

Penny Round Bronze

Penny Round Freddo Blend

Penny Round White

All Penny Colors Available on 12"x12" Mesh

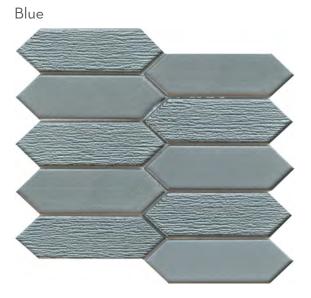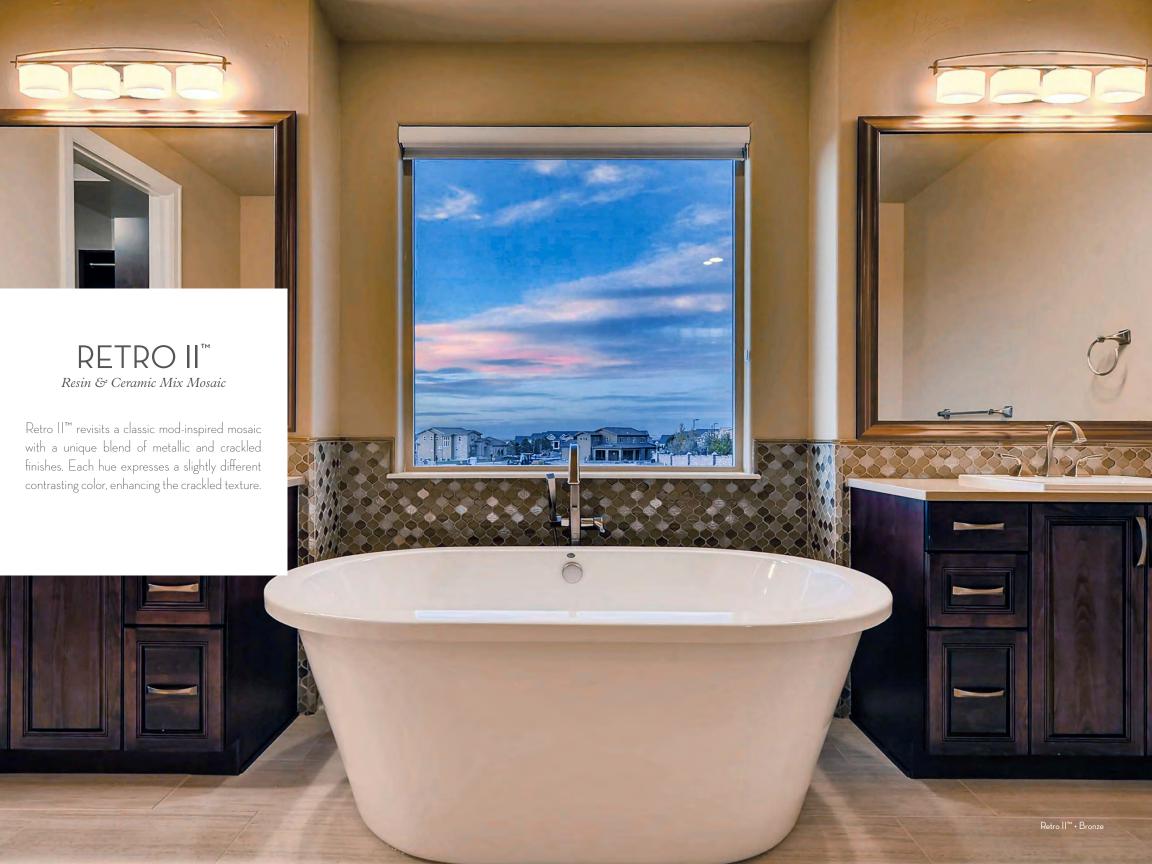| Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.81" 12"x12" Mesh 11.81"x11.81"	12"x12" - 8mm	Test Method	Shade Variation
		Results	V2

CULTURA™

Pebbles

Cultura™ is comprised of first-rate natural stone that is fabricated into an intriguing pebble configuration. An array of solid colors and blends are available in a subtly honed finish on an interlocking mesh.

Cultura™ • Summer

Beige

White

Ivory

Cream

Gray

Silver

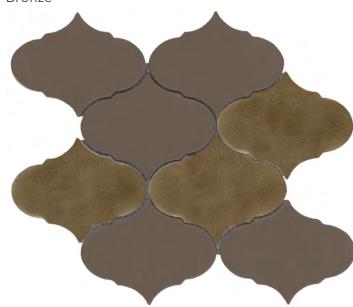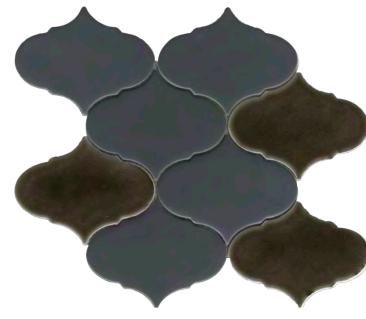### Taupe

Black

Summer

Winter

Autumn

Spring

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
	12"x12" - 4mm	Test Method	Shade Variation
12"x12" Mesh 11.81"x11.81"		Results	V2

Always consult a professional installer for proper usage outdoors.

DIVA™

Glazed Ceramic Mosaic

Intricate geometrics inspired by retro patterns find new form in Diva™. Bold motifs feature a splash of metallic bling for a true statement in decorative mosaic design. Four available colors offer a multi-dimensional focal point for your next project.
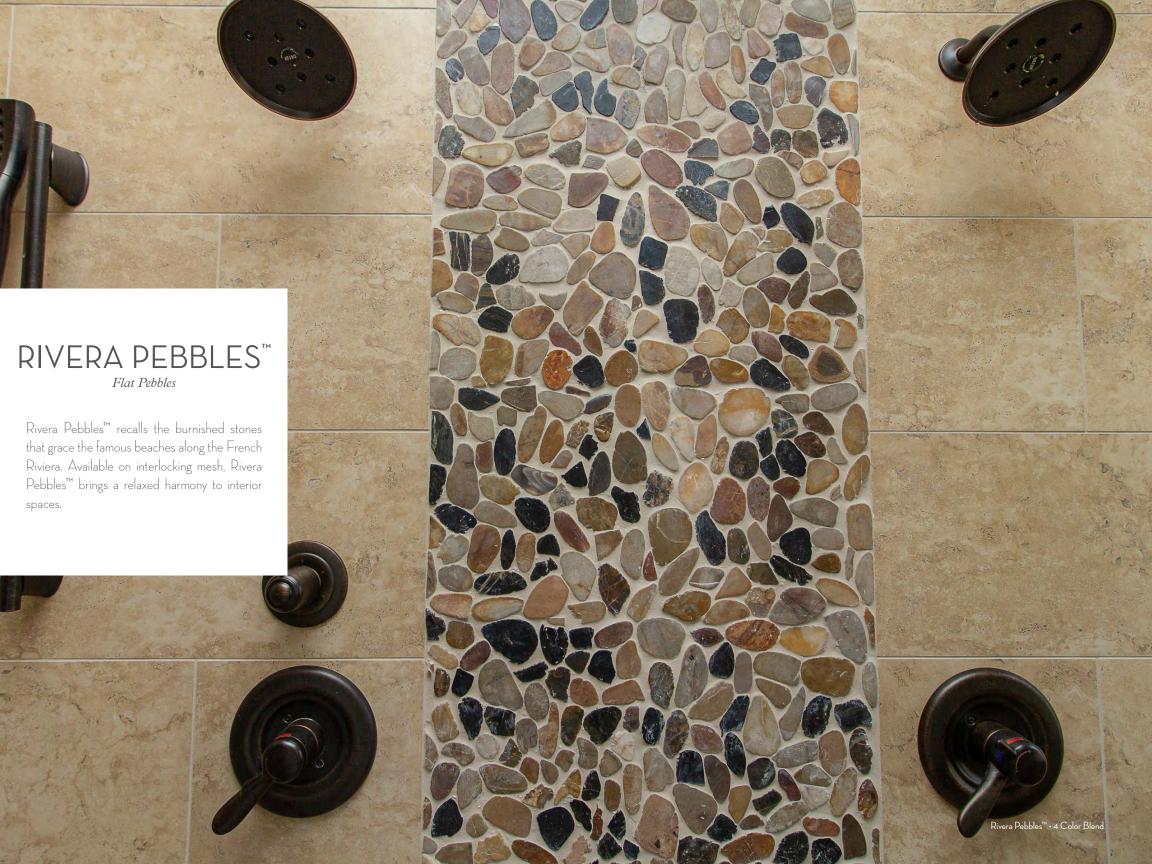
Ares

Poseidon

Athena

Chronos
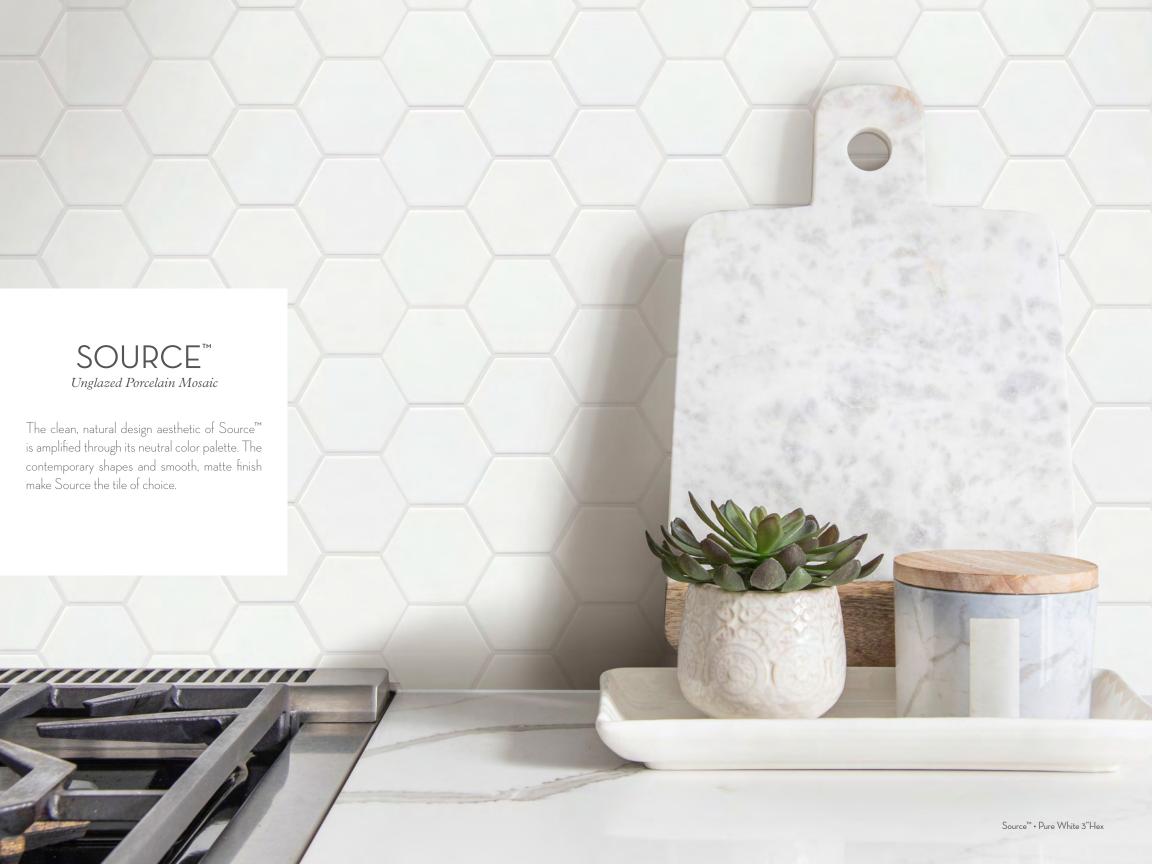

All Colors Available on 10"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
10"x12" Mesh 10.28"x11.49"	10"x12" - 8mm	Test Method	Shade Variation
		Results	V2

ECHO™
Recycled Glass Mosaic

Echo™ portrays a dynamic union of shape, pattern, and sustainability. Hexagon and herringbone mosaic tiles are crafted entirely of recycled white, gray, and brown glass. Finished with high-definition inkjets of wood grain and Calacatta marble patterns, the glass mosaic series is ideal for kitchen and bath surfaces.

Echo™ • Herringbone Brown

White

Gray

Brown

All Herringbone Colors Available on 11"x13" Mesh

White

Gray

Brown

White

Calacata

All 2" Hex Colors Available on 12"x14" Mesh

All 3" Hex Colors Available on 10"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
11"x13" Mesh 11.10"x12.83" 12"x14" Mesh 11.81"x13.57" 10"x12" Mesh 10.16"x11.81"	All sizes - 6mm	Test Method	Shade Variation
		Results	V2

Not suitable for outoor floor. | Always consult a professional installer for proper usage outdoors.

EDGE™

Glass Mosaic

Edge™ features frosted glass to illustrate a story of shape and color. Neutral overtones and saturated accent colors take form in a design-forward chevron mosaic.

Edge™ • White 12"x12"

White

Cream

Gray

Morning Fog

Pewter

Navy

All Colors Available on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.97"x12.13"		12"x12" - 8mm	Test Method	Shade Variation
			Results	V2

ENTITY™
Glass & Stone Mosaic

Entity™ is a stylish combination of glass and stone creating stunning mosaics. This look is achieved with intriguing color options and a unique design.

Energy

Gusto

Life

Spirit

Vigor

Zest

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.81"	12"x12" - 8mm	Test Method	Shade Variation
		Results	V2

FEATURE™

Groutless Stone Mosaic

Feature™ is a groutless stone mosaic that is easy to install and turns an ordinary wall into a showpiece. The unique texture, color and three dimensional look of Feature™ provides depth and warmth to any installation.

Feature™ • Multi

Multi

White

Silver

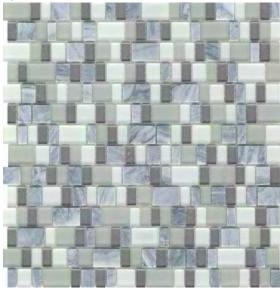All Colors Available in Size 12"x18"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x18" 12.01"x17.99"		12"x18" - 6mm	**Test Method**	Shade Variation
			Results	V4

Grout joint recommendation: 1/8"

FLASH™

Glass & Metal Mosaic

Flash™ is a glittering and exclusive combination of glass and metal, using mixed materials and finishes to achieve an eye-catching, contemporary look.

Ablaze

Bright

Sparkling Blend

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
	12"x12" - 8mm	Test Method	Shade Variation
12"x12" Mesh 12x12.75"		Results	V1

Sanded Grout is not recommended as it will scratch the metal texture.

FLEUR™

Glazed Ceramic, Stone & Glass Mosaic

The french word for flower, Fleur™ is a stately, mixed-material mosaic that combines stone, ceramic and glass for an elegant and dimensional wall feature.

Fleur™ • Viole

Affodill

Orchis

Pivione

Roza

Viole

All Colors Available on 11"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
11"x12" Mesh 11.38"x12.01"	11"x12" - 8mm	Test Method	Shade Variation
		Results	V3

GLEAM™
Metal Mosaic

Gleam™ offers a variety of metal mosaics in unique shapes. Available in graphite and silver colors, Gleam™ makes a new and modern statement.

Gleam™ • Silver Wave
Vertigo™ • Linear White

Graphite Penny

Graphite Wave

Silver Penny

Silver Wave

Silver Oval

Penny Colors Available on 12"x12" Mesh
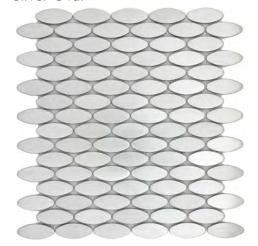
Wave Colors Available on 11"x12" Mesh

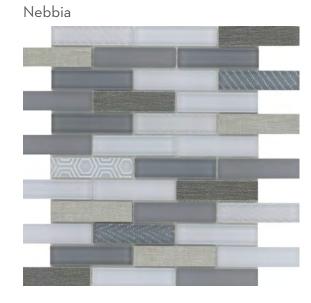Oval Available on 11"x11" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11"x12" Mesh 11"x11" Mesh 12.40"x11.61" 11.02"x11.50" 11.02"x11.22"	All sizes - 9.5mm	Test Method	Shade Variation
		Results	V1

Sanded Grout is not recommended as it will scratch the metal texture.

GLITZ™

Glass & Metal Mosaic

Glitz™ is a collection of shimmering mosaics that evoke a captivating aesthetic with brush-like movement. Metallic accents and layered texture take form in hexagon shapes. With an array of eye-catching color variations, Glitz™ enables endless design opportunities.

Fame

Glory

Joy

Love
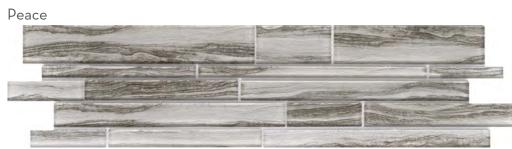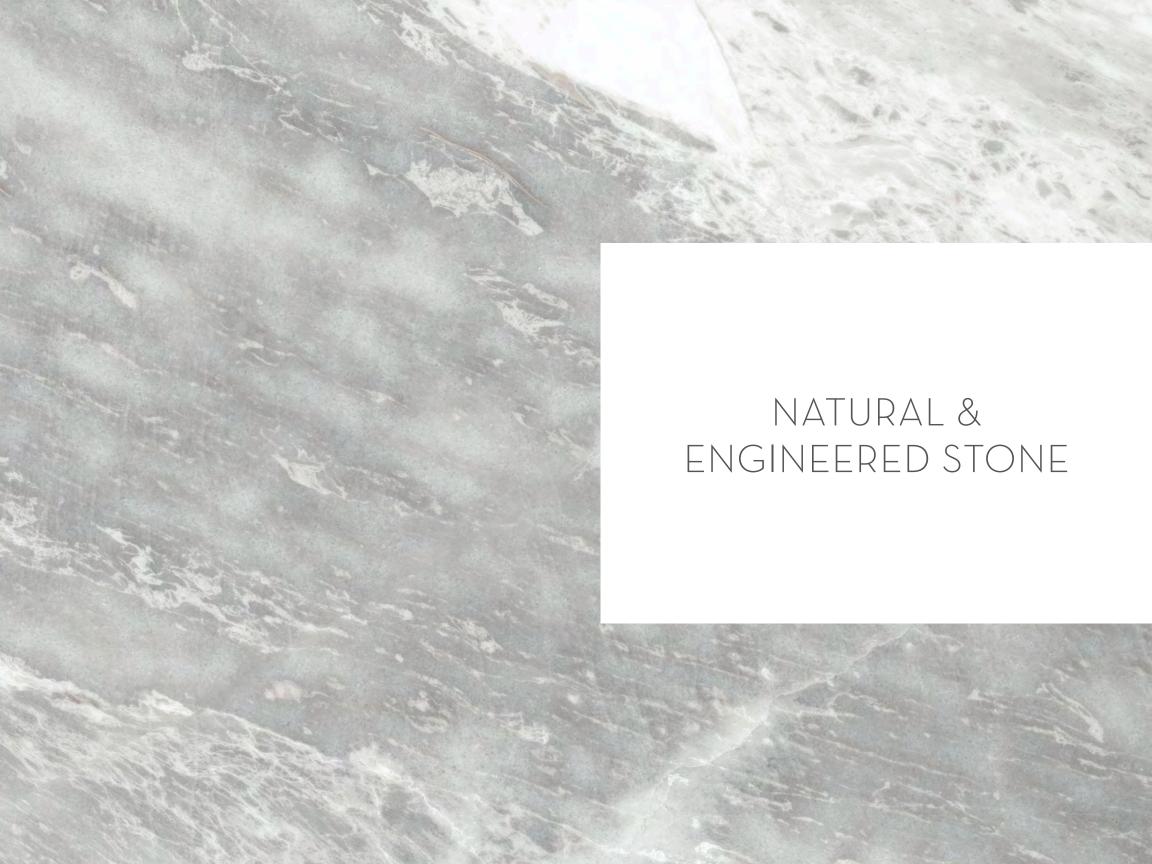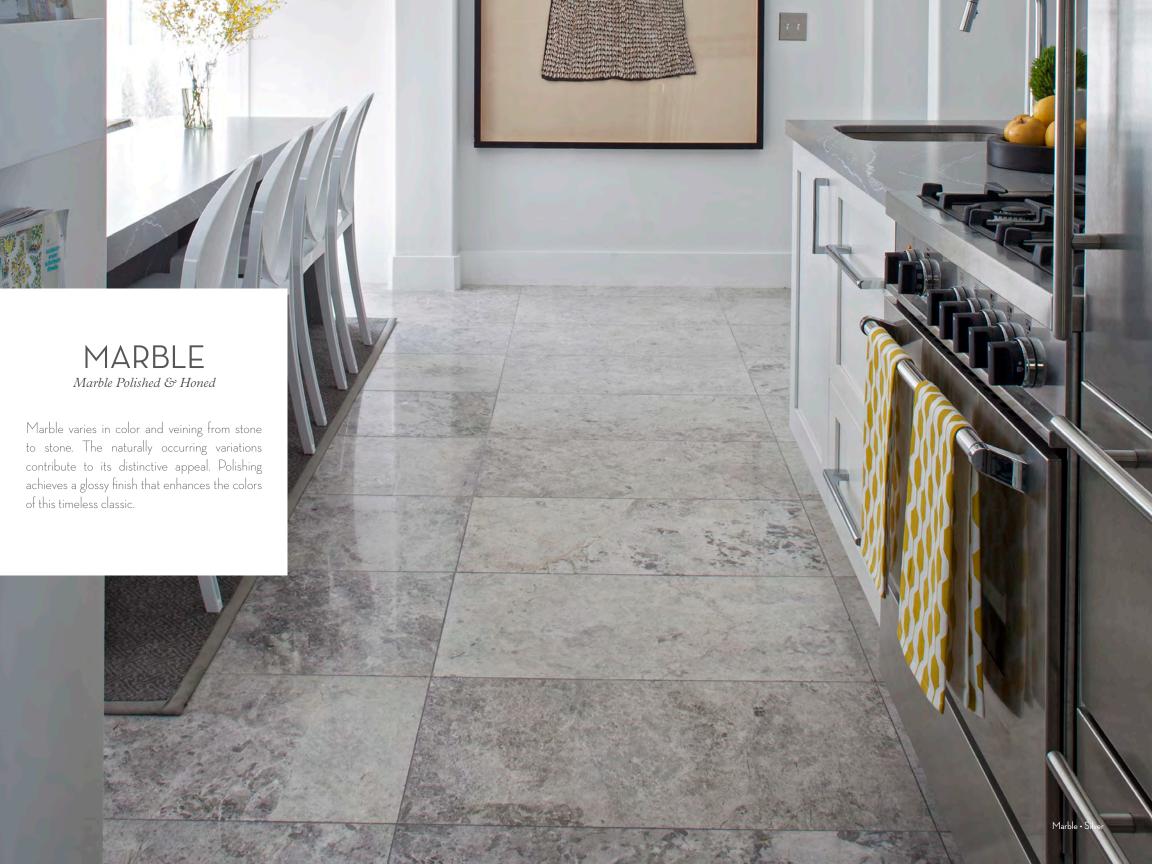

Value

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.97"	12"x12"- 6mm	Test Method	Shade Variation
		Results	V1

Sanded Grout is not recommended as it will scratch the metal texture. | Not recommended for shower walls.

H2O™

Glass Mosaic

Inspired by the rich colors found in deep water, H2O™ is a fresh take on subway tiles in a clean, modern mosaic.

H2O™ • Powder

White

Ivory

Silver

Fawn

Sterling

Turquoise

Forest

Navy

Powder

Dove

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
	Dove Blend, Powder Blend & White - 6mm	Test Method	Shade Variation
12"x12" Mesh 11.89"x12.20"	All other colors - 5mm	Results	V4

Always consult a professional installer for proper usage outdoors.

HARLEQUIN™

Glazed Ceramic Mosaic

Harlequin™ pulls its inspiration from classic design – reinvented today with a contemporary twist. It's a chic choice for a decorative mosaic tile. Find it in your next powder room, bath or kitchen.

Harlequin™ • Raven Mosaic

Beige

Beige Color Chip
Close-Up

Sky

Sky Color Chip
Close-Up

Latte

Latte Color Chip
Close-Up

Tan

Available on 11"x11" Mesh

Tan Color Chip
Close-Up

Raven

Raven Color Chip
Close-Up

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
11"x11" Mesh 11.14"x11.14"	11"x11" - 7.5mm	Test Method	Shade Variation
		Results	V1

ILLUMINA™

Glass & Stone Mosaic

The Illumina™ series plays with texture, merging the natural beauty of stone and glass in a modern mosaic setting.

Illumina™ • Luster

Flare

Luster

Halo

Shimmer

All Colors Available on 12"x12" Mesh
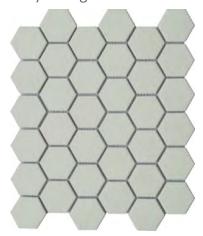
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
	12"x12" - 8mm	**Test Method**	Shade Variation
12"x12" Mesh 11.73" x11.73"		**Results**	V1

IMPACT™

Glazed Porcelain Mosaic

The clean and bright look of Impact™ makes a statement in any room. Timeless patterns such as Hex and Herringbone complement both modern and traditional design aesthetics. Available in a matte finish for a more subdued look.

Impact™ • Gray Herringbone

Gray Herringbone

Gray Hexagon

Gray 2"x2"

White Herringbone

White Hexagon

White 2"x2"

1"x3" Herringbone Available on 11"x12" Mesh

2" Hexagon Available on 11"x13" Mesh

2"x2" Mosaic Available on 12"x12" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications	
			8"x8" - 5.5mm	Test Method	Shade Variation
11"x12" Mesh 10.90"x12.44"	11"x13" Mesh 11.10"x12.79"	12"x12" Mesh 12.04"x12.04"	11"x13" - 5.5mm 12"x12" - 5.5mm	Results	V1

IMPULSE™

Marble, Limestone &
Antique Mirrored Glass Mosaic

Chevron patterns continue to bring a contemporary viewpoint to interiors. The result: a simple and seamless installation for a striking look that is both modern and cool. Available in four colorways: Cream, Blue, Winter, and White.

Impulse™ • Winter

Blue Chevron | Limestone & Glass

Cream Chevron | Limestone & Glass

White Chevron | Marble & Glass

Winter Chevron | Marble & Glass

All Colors Available in 14"x15"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
14"x15" 13.98"x15.16"	14"x15" - 8mm	Test Method	Shade Variation
		Results	V2

INFINITY™

Glass Mosaic

Infinity™ is a glass mosaic series featuring soothing colors, perfect for any design application and space.

Infinity™ • Aeon
Motion™ • Advance 12"x24"

White

Beige

Natural

Aeon

## Era

Time

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.73"x11.73"	12"x12" - 4mm	Test Method	Shade Variation
		Results	V3

INFLUENCE™

Glazed Porcelain Mosaic

The clean, striking look of Influence™ offers a retro vibe in a traditional mosaic. A variety of classic shapes from penny tile to arabesque inspire striking designs. The glossy finish provides enhanced visual interest.

White Penny
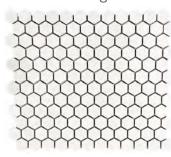
White Arabesque
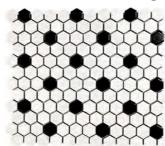
White 2" Hexagon

White 1" Hexagon

White & Black 1" Hexagon

Fawn Penny

Fawn Arabesque

Fawn 2" Hexagon

Fawn 1" Hexagon

Gray Penny

Gray Arabesque

Gray 2" Hexagon

Gray 1" Hexagon

Penny Available on
11"x12" Mesh

Arabesque Available on
10"x11" Mesh
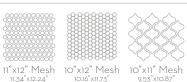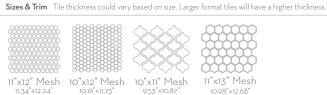
2" Hexagon Available on
11"x13" Mesh

1" Hexagon Available on
10"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

11"x12" Mesh	10"x12" Mesh	10"x11" Mesh	11"x13" Mesh
11.34"x12.24"	10.16"x11.73"	9.53"x10.87"	10.98"x12.68"
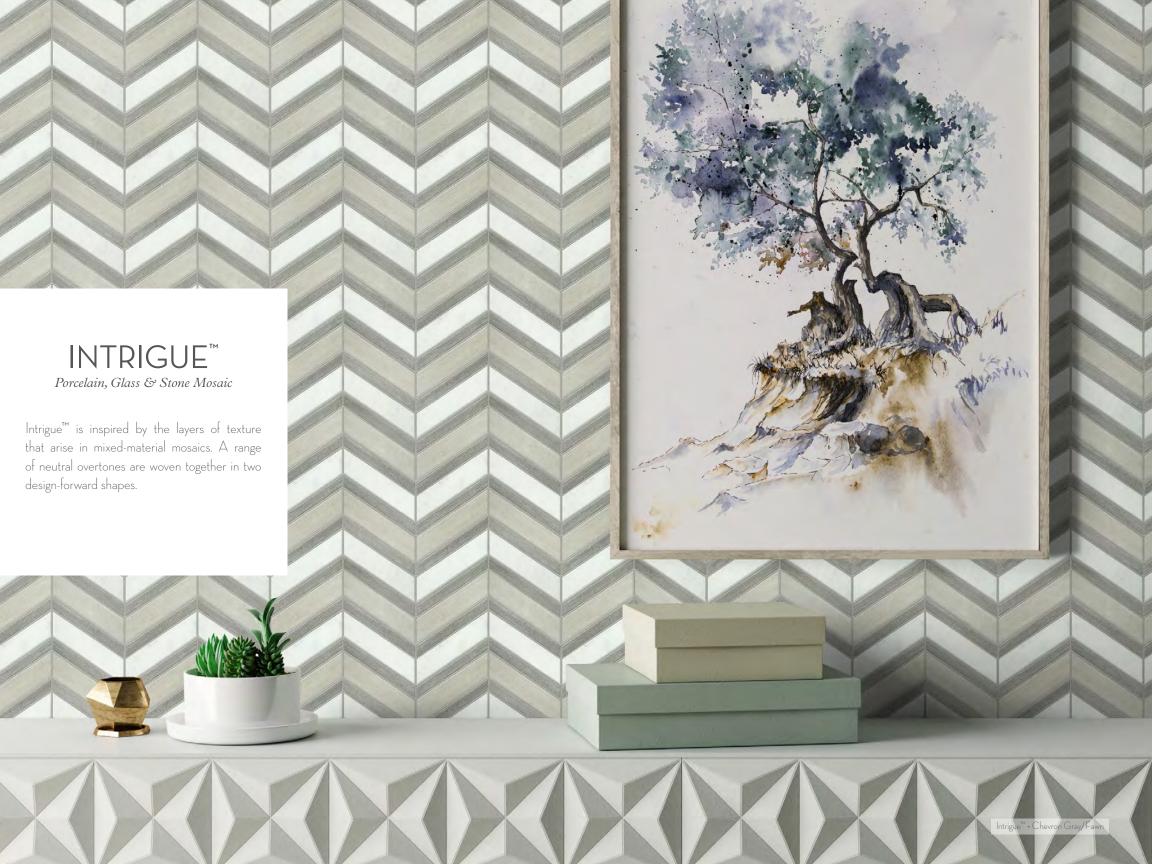
Thickness	Technical Specifications	
Penny - 5.5mm	**Test Method**	Shade Variation
Arabesque - 5.5mm		
1" Hex - 5.5mm	**Results**	V1
2" Hex - 5.5mm		

INTRIGUE™

Porcelain, Glass & Stone Mosaic

Intrigue™ is inspired by the layers of texture that arise in mixed-material mosaics. A range of neutral overtones are woven together in two design-forward shapes.

Intrigue™ • Chevron Gray/Fawn

5 Colors | 2 Patterns | 3 Sizes

Picket Gray

All Picket Colors Available on 11"x15" Mesh

Chevron Mirror

Chevron Mirror Available on 12"x12" Mesh

Chevron Gray/Fawn

Chevron Gray/Fawn Available on 12"x14" Mesh

Picket Mirror
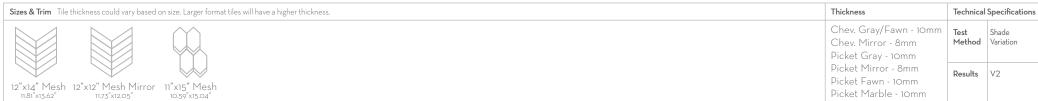
Picket Fawn

Picket Marble

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness		Technical Specifications	
12"x14" Mesh 11.81"x13.62" 12"x12" Mesh Mirror 11.73"x12.05" 11"x15" Mesh 10.59"x15.04"	Chev. Gray/Fawn - 10mm Chev. Mirror - 8mm Picket Gray - 10mm	Test Method	Shade Variation	
	Picket Mirror - 8mm Picket Fawn - 10mm Picket Marble - 10mm	Results	V2	

Not suitable for outoor floor. | Always consult a professional installer for proper usage outdoors.

IRISH™

Glass Mosaic

Irish™ is a striking glass mosaic in a fashion-forward, large-scale herringbone pattern. The glossy finish and cool color palette enable elegant design opportunities.

Irish™ / Coronado

Aura

Coronado

Prism

Spectra

Hue

Optic

Rainbow

All Colors Available on 8"x11" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
		Aura - 6mm	Test Method	Shade Variation
8"x11" 8.39"x11.42"		8"x11" - 5mm	Results	V3

LA VIE™

Glass Mosaic

LaVie™ embraces the beauty in uniqueness. The series features a dynamic stacked vertical mosaic pattern in glass mosaic.

La Vie™ • Gray

White

Cream

Sea

Silver

Gray

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.93"	12"x12" - 6mm	Test Method	Shade Variation
		Results	V2

LINK™

Marble Groutless Mosaic

Link™ groutless stone mosaic provides a unique, three dimensional stone look in an easy-to-install format. The beautiful, yet durable, marble stone is ideal for any application. Available in Hex, Cube, Herringbone, Linear designs as well as a modern look with metal accents.

Link™ • 1" White Hex

White 1" Hex

White Cube

White Herringbone

White Linear

All Patterns Available on 12"x18" Mesh
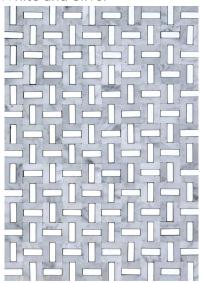
White and Gold

White and Silver

All Patterns Available on 12"x17" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.					Thickness	Technical Specifications	
12"x17" Mesh 12.09x16.93"	12"x18" Mesh 12x17.99"	12"x18" Mesh 12"x17.99"	12"x18" Mesh 12x17.99"	12"x18" Mesh 12.2x17.99"	All sizes - 8mm	**Test Method**	Shade Variation
						Results	V2

LITERATI™

Resin Cast Stone Mosaic

Literati™ combines the elements of glass and stone in a striking pattern. Various textures and stone blends add character and charm to this unique collection of mosaics.

Literati™ • Irving

Irving

Melville

Poe

Stowe

Twain

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.93"	12"x12" - 8mm	Test Method	Shade Variation
		Results	V2

LUCENTE™
Glass & Stone Mosaic

Lustrous color shines through in this exclusive glass and stone mosaic line. Lucente™ can be used on its own or combined with wall tile to make a lasting impression.

Lucente™ • Certosa Linear Mosaic

Blanc

Cream

Morning Fog

Cielo

Pewter
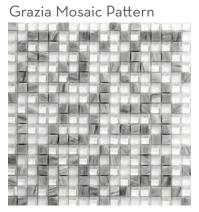
All Colors Above Available in Size 3"x6"

Ambrato Mosaic Pattern

Grazia Mosaic Pattern

Certosa Mosaic Pattern

Lido Mosaic Pattern
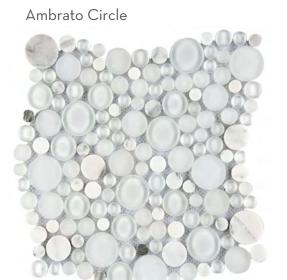
Servolo Mosaic Pattern
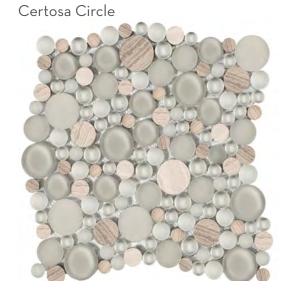
All Colors Available in 5/8"x5/8" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
3"x6" 3.15"x6.42" 13"x13" Mesh	All sizes - 8mm	Test Method	Shade Variation
		Results	3"x6" - V1 13"x13" - V2

LUCENTE™
Glass & Stone Mosaic

Ambrato Circle

Certosa Circle

Lidio Circle

Grazia Circle

All Colors Available on 12"x12" Mesh

Ambrato Linear

Andrea Linear

Campo Linear

Certosa Linear

Concordia Linear

Grazia Linear

Lido Linear

Murano Linear

Regale Linear

Servolo Linear

Blanc Linear

Morning Fog Linear

Pellestri Blend Linear

All Colors Available on 12"x13" Mesh
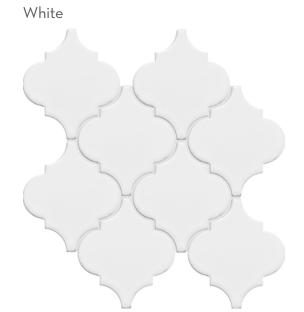
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x13" Mesh 11.80"x12.70" 12"x12" Mesh	All sizes - 8mm	Test Method	Shade Variation
		Results	V2

MOROCCO™

Glazed Ceramic Mosaic

Motifs of Morocco are easily recognizable in this namesake tile. Arabesque shapes in both warm and cool tones add a classic accent to any wall or backsplash application.

Morocco™ • Fawn Mosaic

White

Silver

Dove

Fawn

All Colors Available on 10"x11" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
10"x11" Mesh 10.63"x10.24"	10"x11" - 8mm	Test Method	Shade Variation
		Results	V2

MYTHOS™

Glazed Ceramic Mosaic

Arabesque, petal, and wave motifs are the backbone for Mythos™. The Greek mythology-inspired collection features classic shapes perfect for decorative looks at home. Available in black, gray and white for a seamless fit into any design - while still making a signature impact.

Mythos™ • Petal White Mosaic

Arabesque White

Arabesque Gray

Arabesque Black

Arabesque Mosaics Available on 11"x12" Mesh

Petal White

Petal Gray
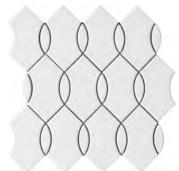
Petal Black

Petal Mosaics Available on 11"x13" Mesh

Wave White

Wave Gray

Wave Black

Wave Mosaics Available on 12"x12" Mesh
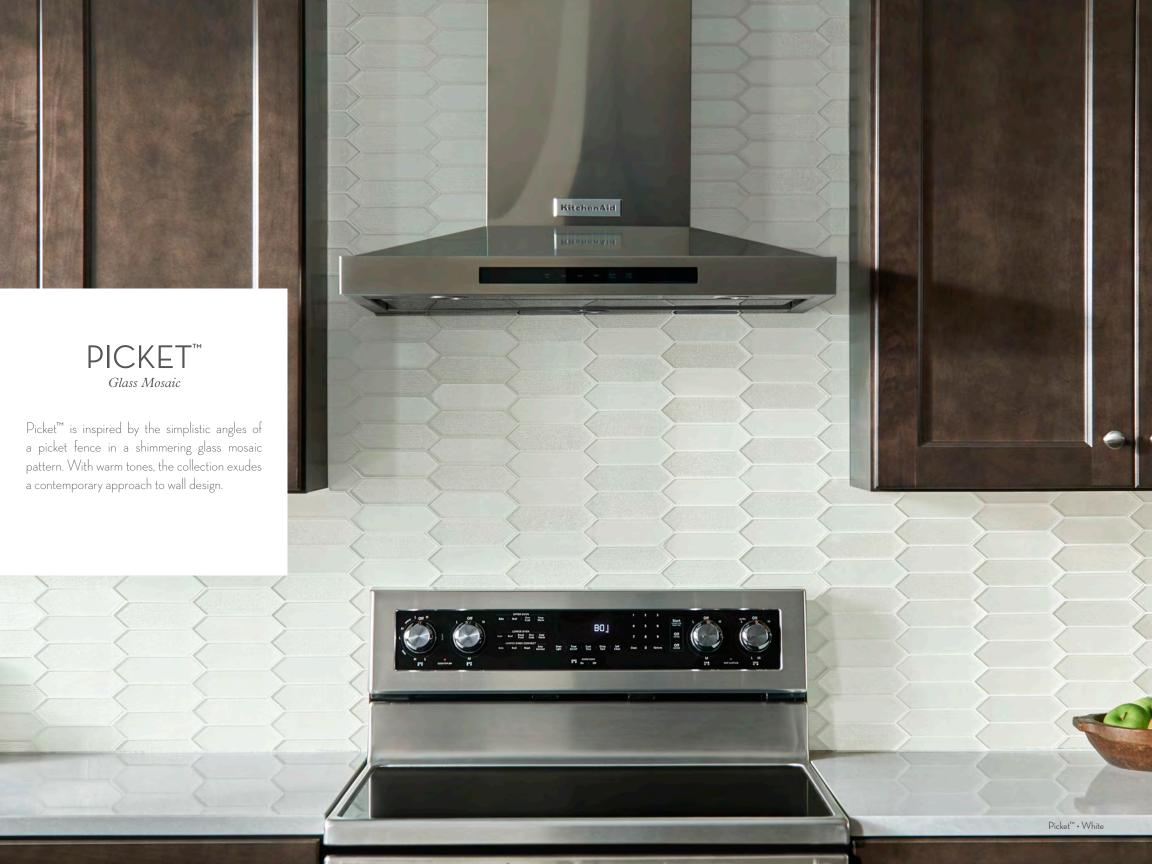
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
11"x12" Mesh 10.63"x11.73" 11"x13" Mesh 10.71"x13.11" 12"x12" Mesh 12.20"x12.24"	All sizes - 7mm	**Test Method**	Shade Variation
		Results	V1

PICKET™
Glass Mosaic

Picket™ is inspired by the simplistic angles of a picket fence in a shimmering glass mosaic pattern. With warm tones, the collection exudes a contemporary approach to wall design.

Picket™ • White

White

Honey

Morning

Silver

Blue

All Colors Available on 10"x11" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
10"x11" Mesh 9.45"x10.87"	10"x11" - 8mm	Test Method	Shade Variation
		Results	V1

RETRO II™

Resin & Ceramic Mix Mosaic

Retro II™ revisits a classic mod-inspired mosaic with a unique blend of metallic and crackled finishes. Each hue expresses a slightly different contrasting color, enhancing the crackled texture.

Retro II™ • Bronze

Pearl

Silver

Bronze

Chrome

All Colors Available on 9"x10" Mesh

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
9"x10" Mesh 12.32"x10.63"		9"x10" - 8mm	**Test Method**	Shade Variation
			Results	V3

RIVERA PEBBLES™

Flat Pebbles

Rivera Pebbles™ recalls the burnished stones that grace the famous beaches along the French Riviera. Available on interlocking mesh, Rivera Pebbles™ brings a relaxed harmony to interior spaces.

Rivera Pebbles™ • 4 Color Blend

Cream

Gold

Black

Natural Blend

4 Color Blend

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.81"	12"x12" - 9.5mm	Test Method	Shade Variation
		Results	V2

Always consult a professional installer for proper usage outdoors.

SOURCE™

Unglazed Porcelain Mosaic

The clean, natural design aesthetic of Source™ is amplified through its neutral color palette. The contemporary shapes and smooth, matte finish make Source the tile of choice.

Source™ • Pure White 3"Hex
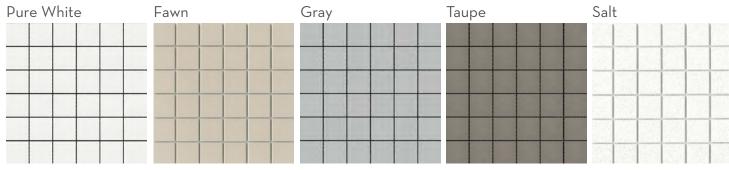
5 Colors | 3 Patterns | 3 Sizes

Pure White	Fawn	Gray	Taupe	Salt
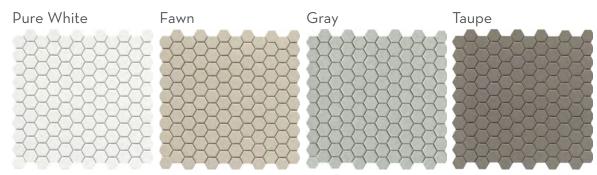
All Colors Available in 2"x2" on 12"x12" Mesh

Salt Close-Up

Pure White	Fawn	Gray	Taupe
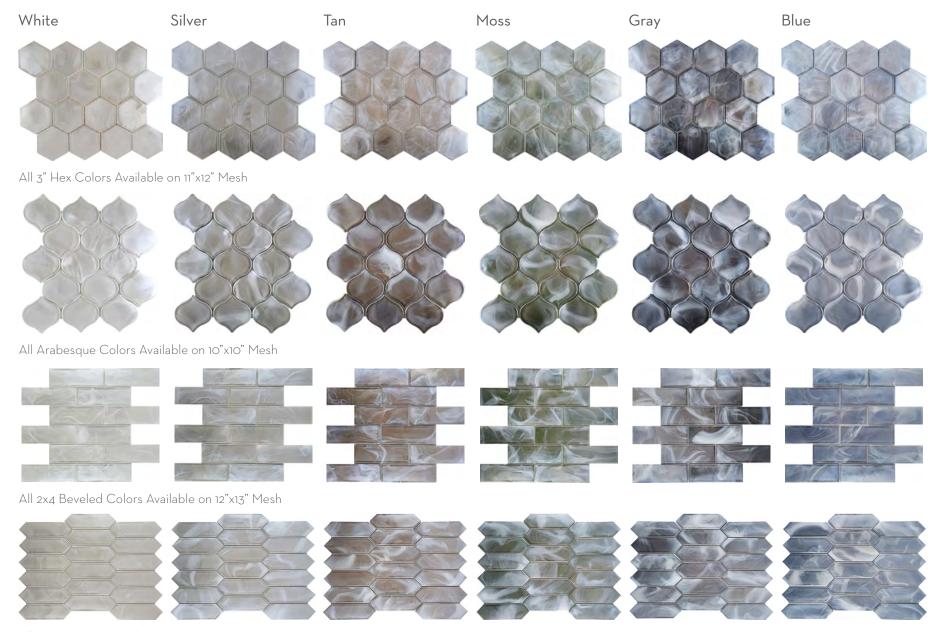
All Colors Available in 3" Hex on 9"x10" Mesh

Pure White	Fawn	Gray	Taupe

All Colors Available in 1" Hex on 11"x11" Mesh
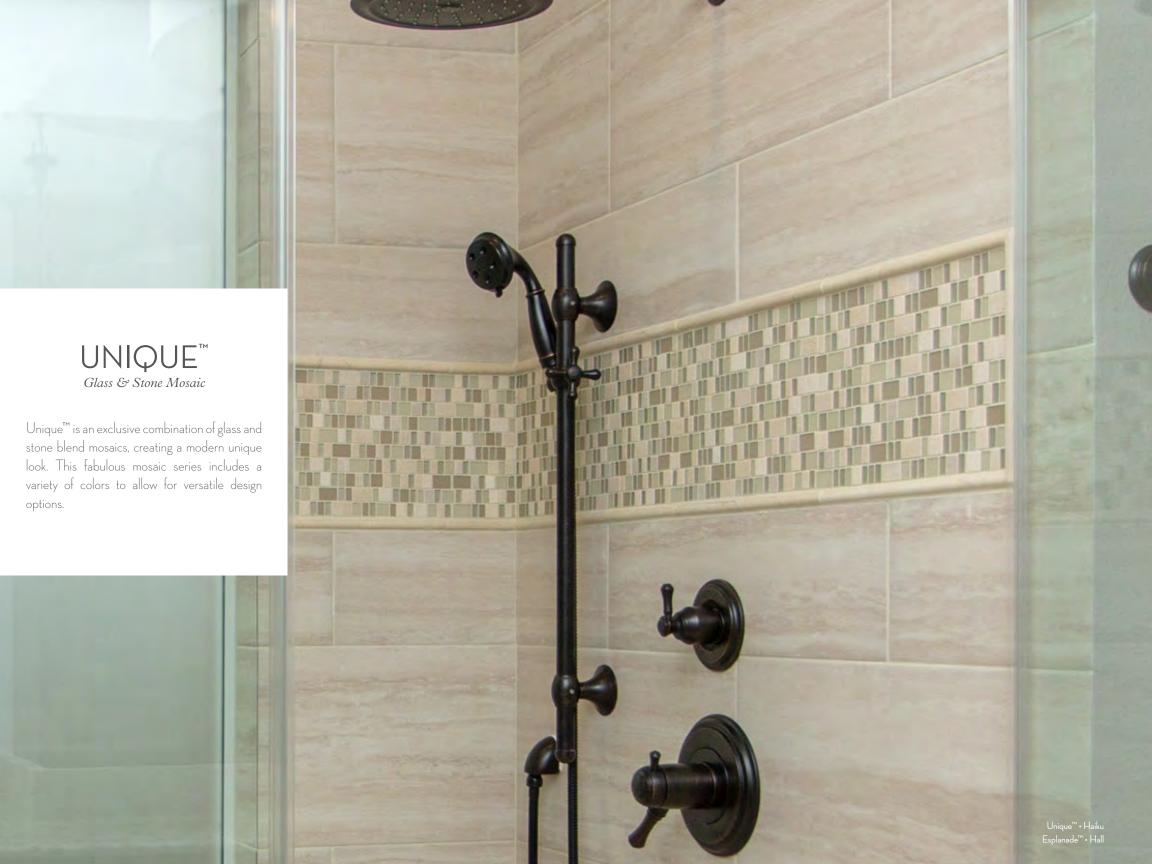
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.						**Thickness**	**Technical Specifications**	
12"x12" Mesh 11.69x11.69"	9"x10" Mesh 8.66"x9.88"	11"x11" Mesh 11.42"x11.02"	2"x2" Floor SBN	2"x2" Cove Base	2"x2" SBN Corner	9"x10" - 6mm 11"x11" - 6mm 12"x12" - 6mm	**Test Method**	Shade Variation
							Results	V1

SPLASH™

Glass Mosaic

Geometry and whimsy meet to make a splash with one of Emser's latest collections of decorative glass tiles. Invite modern backsplashes and bold surface designs to today's kitchens, baths and accent walls. Made of molten glass, the swirl design of each piece is unique making this a one-of-a-kind tile. A dazzling iridescent finish available in six colorways: White, Silver, Tan, Moss, Gray, and Blue.

White	Silver	Tan	Moss	Gray	Blue

All 3" Hex Colors Available on 11"x12" Mesh

All Arabesque Colors Available on 10"x10" Mesh

All 2x4 Beveled Colors Available on 12"x13" Mesh

All Picket Colors Available on 10"x14" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
11"x12" Mesh 12.40"x10.71" 10"x10" Mesh 10.12"x9.76" 12"x13" Mesh 12.2"x12.52" 10"x14" Mesh 9.92"x13.78"	All Sizes - 6mm	Test Method	Shade Variation
		Results	V3

UNIQUE™
Glass & Stone Mosaic

Unique™ is an exclusive combination of glass and stone blend mosaics, creating a modern unique look. This fabulous mosaic series includes a variety of colors to allow for versatile design options.

Ballad

Epic

Haiku

Ode

Poem

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 12.15"x12.05"	12"x12" - 4mm	Test Method	Shade Variation
		Results	V3

VENETIAN PEBBLES™

Flat Pebbles

Inspired by the beauty of Venice, Venetian Pebbles™ creates a historic yet beautiful statement. Available on interlocking mesh, Venetian Pebbles™ brings a traditional, historic look to interior spaces.

Venetian Pebbles™ • Silver Flat

Italia Blend

All Colors Available on 12"x12" Mesh

Ivory

Tan

Silver

Multicolor

4 Color Blend

Medici Blend

Pastel Blend

Gelato Blend

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.81"x11.81"	12"x12" - 9.5mm	Test Method	Shade Variation
		Results	V2

VISTA™

Glass & Stone Mosaic

A scintillating glass and stone mosaic series, Vista™ has a metallic appearance and is available in three illuminating colors.

Vista™ • Panorama Pattern Mosaic
Duomo™ • Bianchi 12"x24"

WRCID

Backdrop

Panorama

Sight

All Pattern Colors Available on 12"x12" Mesh

Backdrop

Panorama

Sight

All Linear Colors Available on 12"x13" Mesh
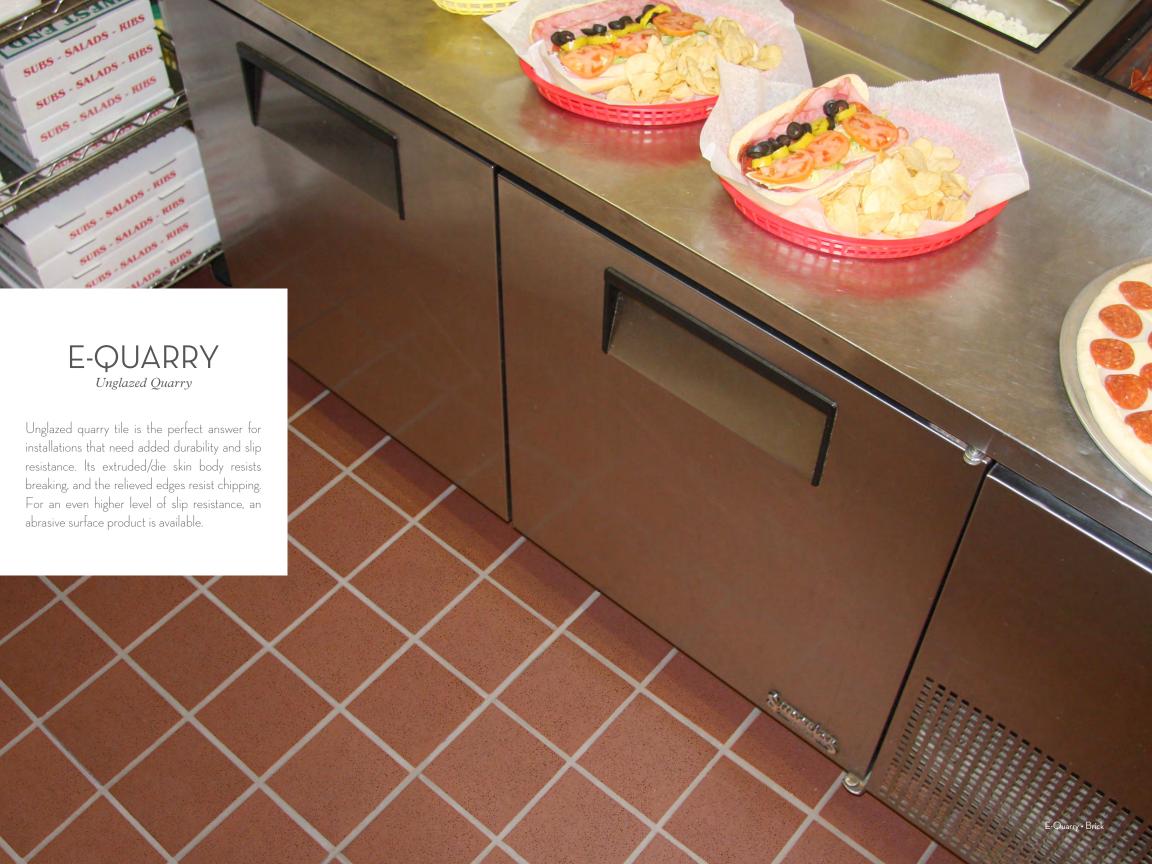
Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Thickness	Technical Specifications	
			All sizes - 8mm	Test Method	Shade Variation
12"x12" Mesh 11.81"x11.81"	12"x13" Mesh 12.40"x13.10"			Results	V1

VOLARE™
Glass & Porcelain Mosaic

Volare™ highlights subtle geometric-inspired accents within a small-scale linear mosaic. Glass invites a myriad of texture variations to each color within the series, ranging from dynamic grays to blues to black.

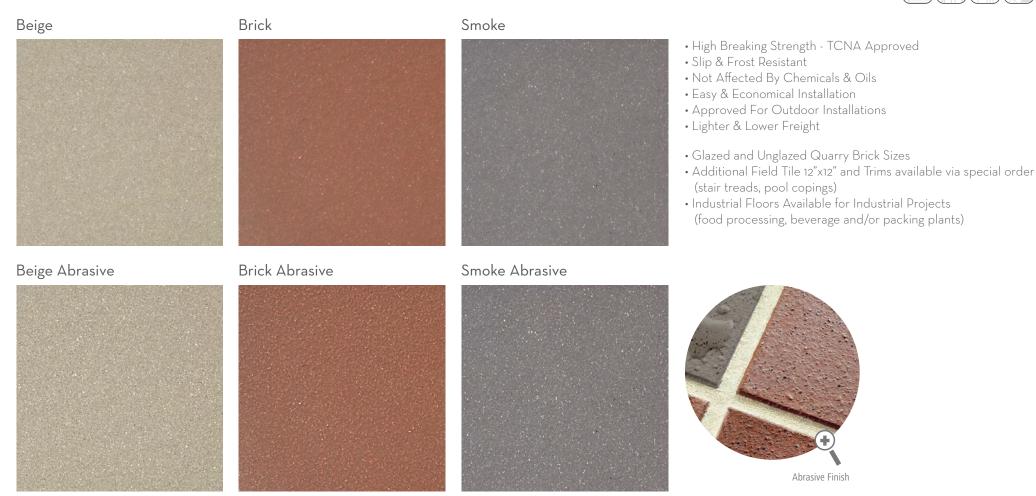Volare™ • Nebbia

Aria

Cieli

Nebbia

Nuvole

Stella

Vento

All Colors Available on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
12"x12" Mesh 11.73"x11.73"	12"x12" - 8mm	Test Method	Shade Variation
		Results	V2

ZEN™

Glass Mosaic

Zen™ is an alluring glass mosaic series that encapsulates contemporary motifs. High-definition printing achieves soothing movement influenced by marble and wood looks. Inspiring peaceful interiors, Zen™ is ideal for kitchen and bath surfaces and backsplashes.

Zen™ • Peace

Bliss

Calm

Ease

Peace

Quiet

Serene

All Colors Available on 6"x24" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications	
	6"x24" - 6mm	Test Method	Shade Variation
6"x24" Mesh 5.91"x23.54"		Results	V2

COLLECTION	SIZE	MOSAIC	TRIM
MARBLE	3x6	✔	✔
	4x8		
	6x12		
	12x12		
	12x24		
	16x32		
	18x18		
	24x24		
	32x32		
METRO	3x6	✔	✔
	4x10		
	6x24		
	12x24		
	16x32		
TRAV ANCIENT TUMBLED	3x6	✔	✔
	4x4		
	6x6		
	8x8		
	8x16		
	16x16		
	16x24		
TRAV CHISELED	8x8		
	8x16		
	16x16		
	16x24		
	16x32		
TRAV FONTANE TUMBLED	3x6		
	4x4		
TRAVERTINE CROSSCUT	12x24		
	18x18		
	24x24		
TRAVERTINE VEINCUT	12x24		
LIMESTONE	12x24	✔	
SLATE, QUARTZITE & SANDSTONE	6x24	✔	
	12x12		
	12x24		
	16x16		
STRUCTURE	6x24		
GRANITE	12x12		
	12x24		
E-QUARRY	6x6	✔	
ENGINEERED STONE	Sizes Vary		

Marble • Winter Frost Chevron

NATURAL &
ENGINEERED STONE

MARBLE
Marble Polished & Honed

Marble varies in color and veining from stone to stone. The naturally occurring variations contribute to its distinctive appeal. Polishing achieves a glossy finish that enhances the colors of this timeless classic.

Marble • Silver

Parian White | V2 Variation

24"x24", 18"x18", 12"x24"
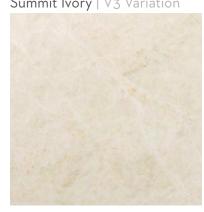
Breccia Oniciata | V4 Variation

12"x12"

Milano | V3 Variation

18"x18"

Summit Ivory | V3 Variation

18"x18", 12"x24", 6"x12" | Honed

Marrone Emperador Dark | V3 Variation

12"x12"

Thassos | V2 Variation

24"x24", 18"x18", 12"x24", 12"x12", 3"x6"

Crema Marfil Classico | V3 Variation

24"x24", 18"x18", 12"x24", 12"x12", 3"x6"

Crema Marfil Plus | V2 Variation

24"x24", 18"x18", 12"x24" | Polished
18"x18", 12"x24" | Honed

Black & White | V3 Variation

12"x12"

Crema Marfil Classico
1"x12" Mini Cigaro

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.						Technical Specifications	
24"x24"	18"x18"	12"x24"	12"x12"	6"x12"	3"x6"	Test Method	Shade Variation
						Results	Varies By Color

Grout joint recommendation: 1/8"

Winter Frost Collection | 4 Sizes | 22 Mosaics

24"x24", 18"x18", 12"x24", 12"x12" | **Polished**
12"x24", 3"x6" | **Honed**

1/2"x12" Mini Cigaro | **Polished**

1"x12" Cigaro | **Polished**

2"x12" OG | **Polished**

1"x2" OG Corner | **Polished**

Hexagon 2" Mix

2"x2" on 12"x12" Mesh
Polished

2"x4" Bevel on 12"x12" Mesh
Polished

3D Linear on 12"x12" Mesh
Polished

Chevron on 12"x12" Mesh
Polished

Convex on 12"x12" Mesh
Polished
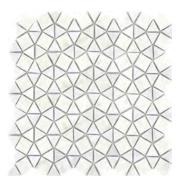
Cushion on 13"x13" Mesh
Polished

Daisy on 12"x13" Mesh
Polished

Diamond on 10"x13" Mesh
Polished

Gem on 12"x12" Mesh
Polished

FW R C ID

Geometric on 12"x12" Mesh
Polished

Hexagon 1" Mix on 12"x12" Mesh
Mixed Finish

Hexagon 2" Mix on 12"x12" Mesh
Mixed Finish

Hexagon Large on 12"x12" Mesh
Polished

Hexagon Wide on 12"x12" Mesh
Polished

Lantern on 12"x12" Mesh
Polished

Leaf on 9"x10" Mesh
Polished

Linear on 12"x12" Mesh
Polished

Marquise on 12"x12" Mesh
Polished
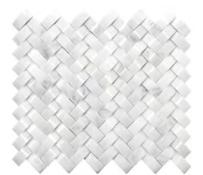
Oval on 12"x12" Mesh
Polished

Penny on 12"x12" Mesh
Polished
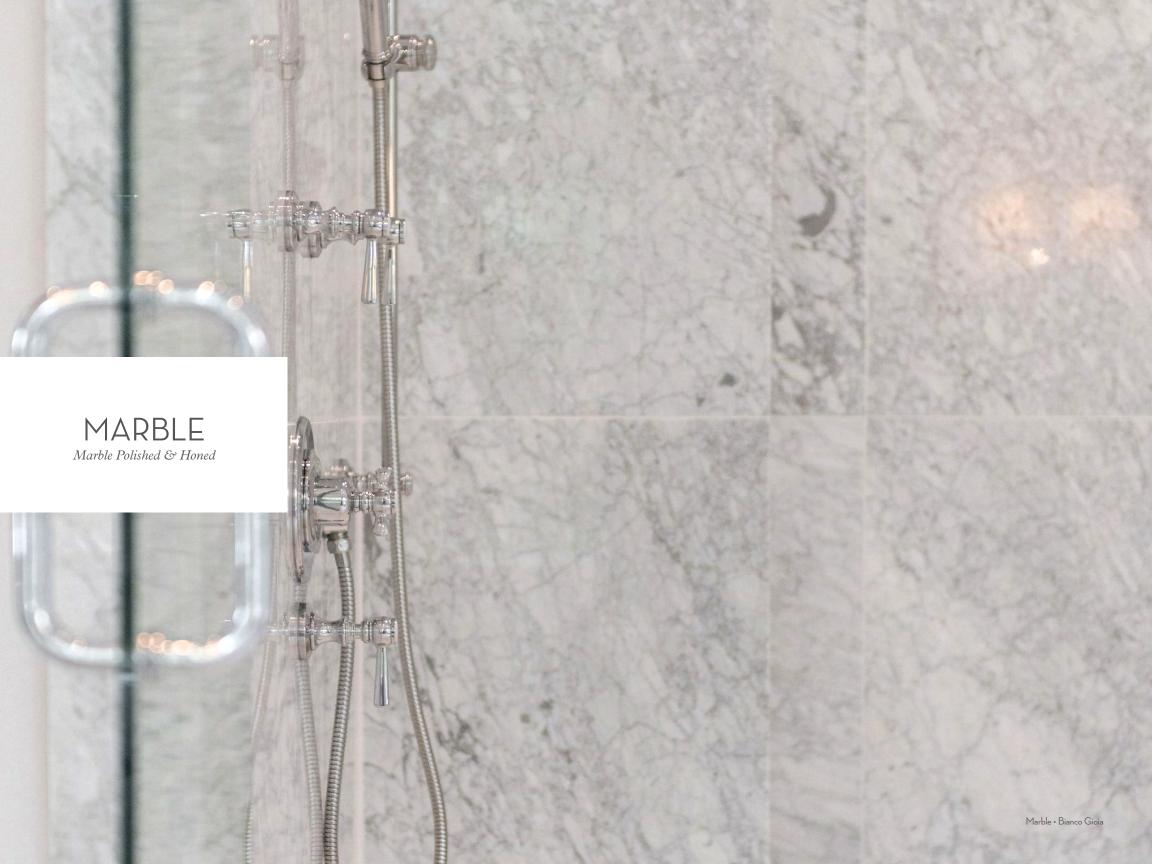
Prism on 12"x12" Mesh
Polished
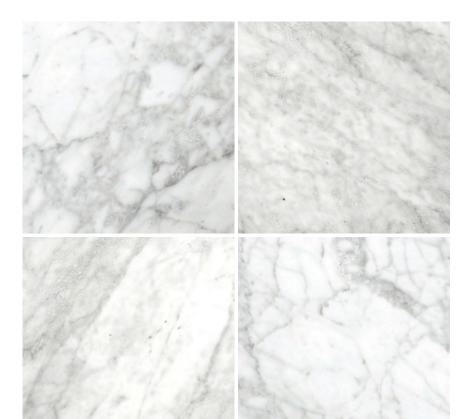
Twine on 11"x13" Mesh
Polished

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

24"x24"   18"x18"   12"x24"   12"x12"

Grout joint recommendation: 1/8"

Technical Specifications	
Test Method	Shade Variation
Results	V2

MARBLE

Marble Polished & Honed

Marble • Bianco Gioia

2"x2" on 12"x12" Mesh
Honed & Polished

Hexagon 1" on 12"x12" Mesh
Honed

Pinwheel on 12"x12" Mesh
Honed

24"x24", 18"x18", 12"x24", 12"x12", 4"x8", 3"x6" | **Polished**
18"x18", 12"x24", 12"x12", 4"x8", 3"x6" | **Honed**

1"x12" Mini Cigaro | **Honed & Polished**

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	**Technical Specifications**	
	Test Method	Shade Variation
24"x24" 18"x18" 12"x24" 12"x12" 4"x8" 3"x6"	**Results**	V3

Grout joint recommendation: 1/8"

MARBLE
Marble Polished & Honed

Calacata Oro Collection | 4 Sizes | 2 Mosaics

Linear on 12"x13" Mesh
Polished

Hexagon 1" on 12"x12" Mesh
Polished

18"x18", 12"x24" 12"x12", 4"x8" | **Polished**

1"x12" Mini Cigaro | **Polished**

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Technical Specifications	
				Test Method	Shade Variation
18"x18"	12"x24"	12"x12"	4"x8"	**Results**	V3

Grout joint recommendation: 3/16"

Vicenza Collection | 3 Sizes | 2 Mosaics

FW R C ID

Vicenza Cloud

12"x24", 6"x12" | **Polished**

Vicenza Gray Hexagon Wide on 12"x12" Mesh
Polished

Vicenza Nite

18"x18", 12"x24", 6"x12" | **Honed**

Vicenza White Hexagon Wide on 12"x12" Mesh
Polished

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications	
			Test Method	Shade Variation
18"x18"	12"x24"	6"x12"	**Results**	V3

Grout joint recommendation: 1/8"

Silver Collection | 4 Sizes | 3 Mosaics
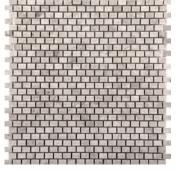
18"x18", 16"x32", 12"x24", 4"x8" | **Polished**

Pinwheel on 12"x12" Mesh
Polished

Hexagon 1" on 12"x12" Mesh
Polished

Mini Offset on 12"x12" Mesh
Polished

1/2"x12" Mini Cigaro | **Polished**

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
		Test Method	Shade Variation
18"x18" 16"x32" 12"x24" 4"x8"		Results	V3

Grout joint recommendation: 1/8"

Bianco

Fiore
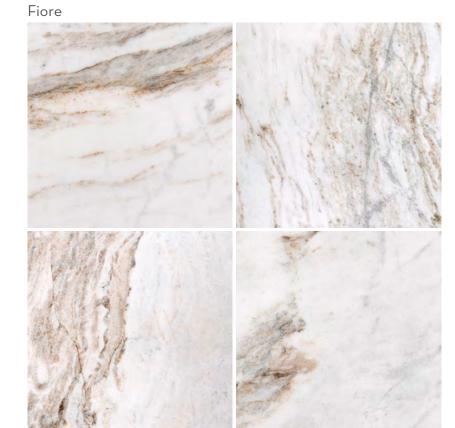
24"x24", 18"x18", 12"x24", 12"x12", 4"x8", 3"x6" | **Polished**
Coordinating Mosaics Available in the Marble Winter Frost Collection

32"x32", 24"x24", 18"x18", 16"x32", 12"x24", 12"x12" | **Polished**
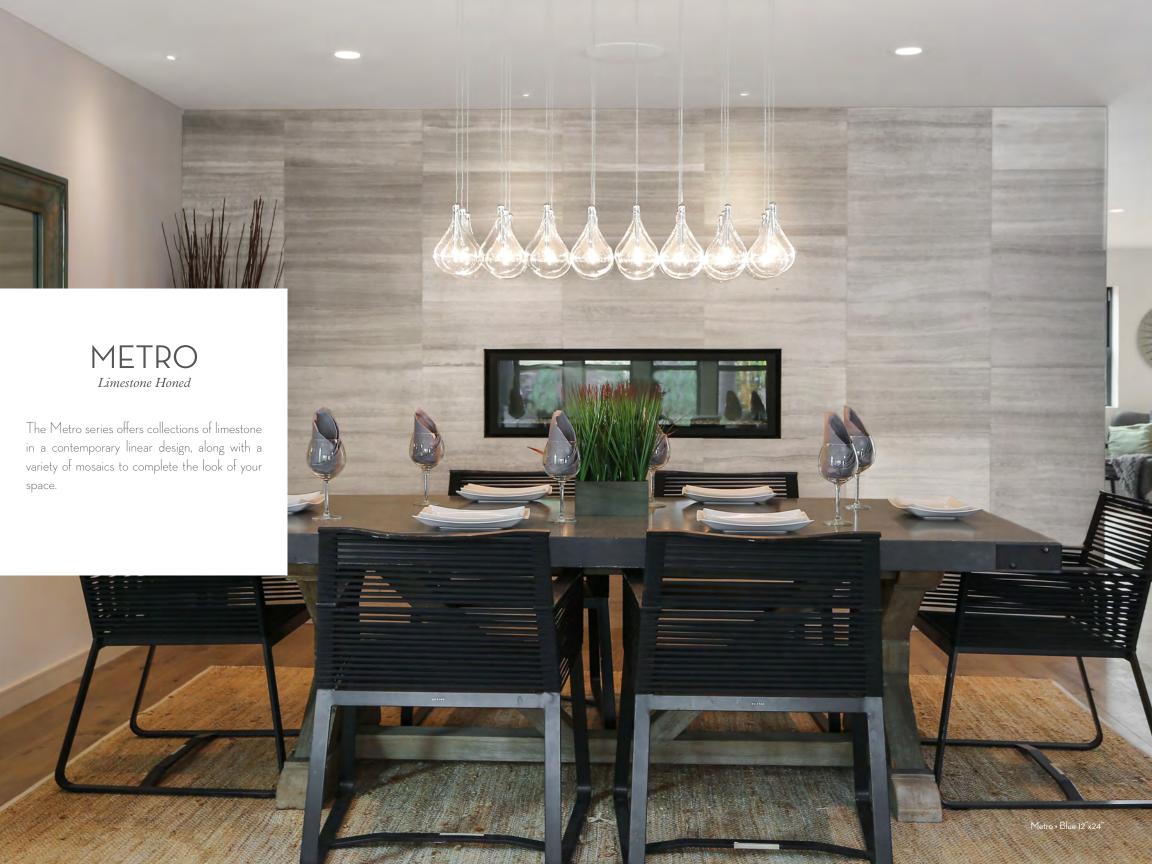
Bianco 2"x2" Mosaic on 12"x12" Mesh
Honed
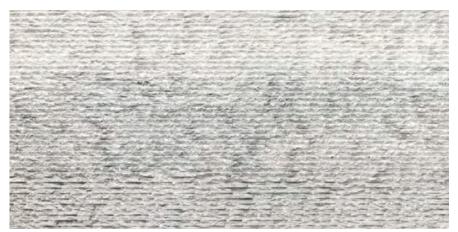
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.								Technical Specifications	
								Test Method	Shade Variation
32"x32"	24"x24"	18"x18"	16"x32"	12"x24"	12"x12"	4"x8"	3"x6"	**Results**	V3

Grout joint recommendation: 1/8"

METRO

Limestone Honed

The Metro series offers collections of limestone in a contemporary linear design, along with a variety of mosaics to complete the look of your space.

Metro • Blue 12"x24"

Blue Collection | 3 Patterns | 1 Size | 2 Mosaics

Blue | 12"x24" | **Honed**

Blue Striated & Chiseled | 12"x24"

Blue Linear | 12"x24" | **Honed**

3D on 6"x24" Mesh | **Honed**

Splitface on 6"x24" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
	Test Method	Shade Variation
12"x24"	Results	V3

Grout joint recommendation: 1/8" | DISCLAIMER: Product may contain cross veining that runs perpendicular to the direction of veining. This cross veining is part of the aesthetic and does not affect performance or stability.

METRO

Limestone Honed

The Metro series offers collections of limestone in a contemporary linear design, along with a variety of mosaics to complete the look of your space.
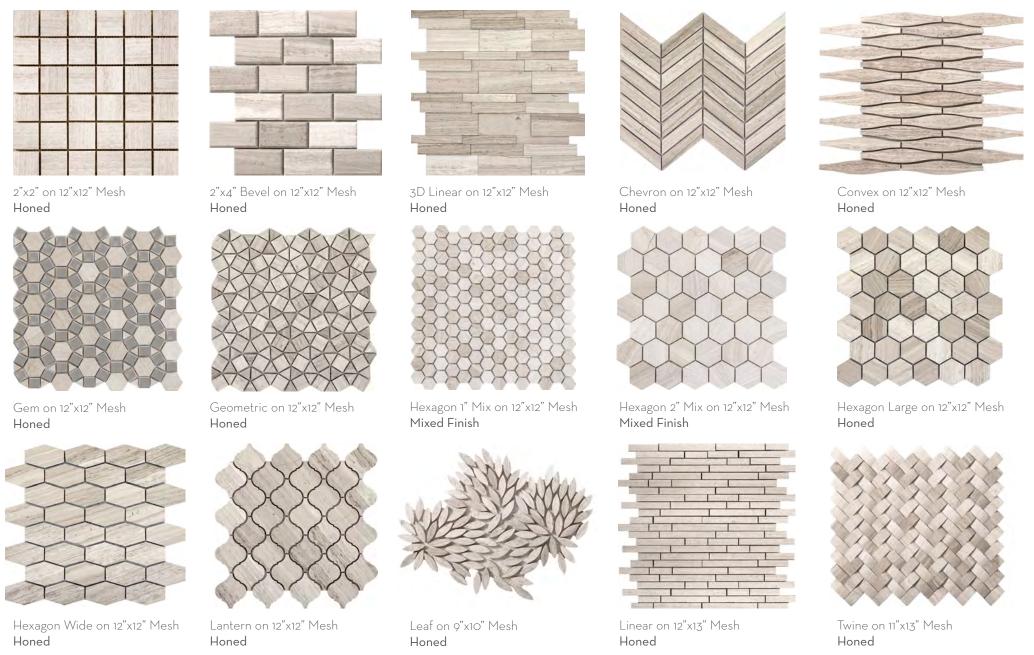
16"x32", 12"x24", 6"x24", 4"x10", 3"x6" | **Honed**

1"x12" Mini Cigaro | **Honed**

2"x2" on 12"x12" Mesh
Honed

2"x4" Bevel on 12"x12" Mesh
Honed

3D Linear on 12"x12" Mesh
Honed

Chevron on 12"x12" Mesh
Honed

Convex on 12"x12" Mesh
Honed

Gem on 12"x12" Mesh
Honed

Geometric on 12"x12" Mesh
Honed

Hexagon 1" Mix on 12"x12" Mesh
Mixed Finish

Hexagon 2" Mix on 12"x12" Mesh
Mixed Finish

Hexagon Large on 12"x12" Mesh
Honed

Hexagon Wide on 12"x12" Mesh
Honed

Lantern on 12"x12" Mesh
Honed

Leaf on 9"x10" Mesh
Honed

Linear on 12"x13" Mesh
Honed

Twine on 11"x13" Mesh
Honed

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
16"x32" 12"x24" 6"x24" 4"x10" 3"x6"	**Test Method**	Shade Variation
	Results	V2

Grout joint recommendation: 1/8" | DISCLAIMER: Product may contain cross veining that runs perpendicular to the direction of veining. This cross veining is part of the aesthetic and does not affect performance or stability.

METRO
Limestone Honed

12"x24", 3"x6" | **Honed**

1"x12" Mini Cigaro | **Honed**

3D Linear on 12"x12" Mesh
Honed

Chevron on 12"x12" Mesh
Honed

Convex on 12"x12" Mesh
Honed

Daisy on 12"x13" Mesh
Honed

Hexagon 1" Mix on 12"x12" Mesh
Mixed Finish

Hexagon 2" Mix on 12"x12" Mesh
Mixed Finish

Hexagon Large on 12"x12" Mesh
Honed

Lantern on 12"x12" Mesh
Honed

Leaf on 9"x10" Mesh
Honed

Marquise on 12"x12" Mesh
Honed

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
	Test Method	Shade Variation
12"x24" 3"x6"	Results	V4

Grout joint recommendation: 1/8" | DISCLAIMER: Product may contain cross veining that runs perpendicular to the direction of veining. This cross veining is part of the aesthetic and does not affect performance or stability.

TRAV ANCIENT TUMBLED™

Antique & Tumbled Stone

Trav Ancient Tumbled™ stone features neutral colors in multiple sizes and mosaics. This series is notable for its versatility.

Trav Ancient Tumbled™ • Silver 16˝x24˝

2 Colors | 7 Sizes | 11 Mosaics

FW R C ID OD

Silver | V4 Variation

16"x24", 16"x16", 8"x16", 8"x8", 6"x6", 4"x4", 3"x6"

Hamlet Mini Split Face Offset | V4 Variation

Philadelphia on 6"x12" Mesh

Mosaics Available on 12"x12" Mesh

Silver Mini Versailles

Silver 2"x4" Offset

Silver Splitface Offset 1"x2"

Silver 1"x2" Offset

Silver 2"x2"

Silver Pebble

1"x12" Cigaro

1 1/2"x12" Mini Cigaro

Beige Mini Versaille

Beige 2"x4" Offset

Beige Pebble

Beige/Mocha Pebble Blend

1 1/2"x12" Mini Cigaro

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
		Test Method	Shade Variation
16"x24" 16"x16" 8"x16" 8"x8" 6"x6" 4"x4" 3"x6"		**Results**	Varies By Color

TRAV CHISELED™

Antique & Tumbled Stone

Trav Chiseled is a distinctly rustic travertine with a dramatic chiseled edge. Natural color and veining variations make each tile unique. Swathes of color and naturally stippled texture lend compelling visual details.

Trav Chiseled™ • Philadelphia

Umbria Savera | Banded Set
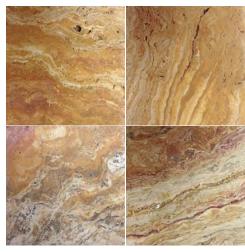
Umbria Bruno | Banded Set

Silver | Banded Set

Scabos | Banded Set

Umbria Savera

16"x24", 16"x16"

Valencia

16"x24", 16"x16", 8"x16", 8"x8"

Vanilla Coffee
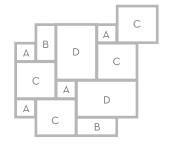
16"x24", 16"x16", 8"x16", 8"x8"

Philadelphia

16"x16"

Versailles Pattern | 4 Sizes
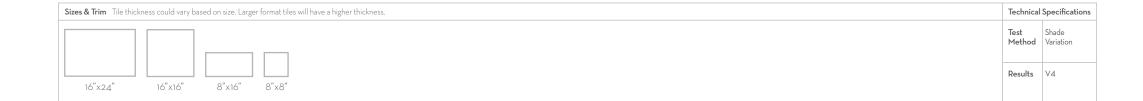
An Iteration of this pattern is 16 SF.
A - 8"x8"   - 4 Pieces
B - 8"x16"   - 2 Pieces
C - 16"x16" - 4 Pieces
D - 16"x24" - 2 Pieces
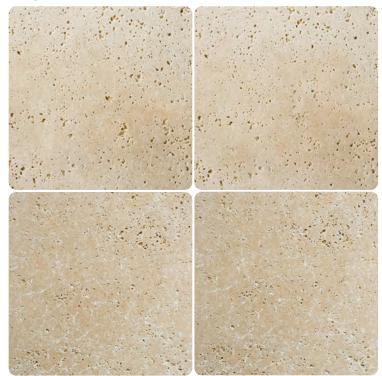
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.

16"x24"   16"x16"   8"x16"   8"x8"

Technical Specifications	
Test Method	Shade Variation
Results	V4

TRAV FONTANE TUMBLED™

Antique & Tumbled Stone

Trav Fontane Tumbled™ series offers the look of timeless stone in traditional colors and sizes.

Trav Fontane Tumbled™ • Ivory Classic

2 Colors | 2 Sizes

FW R C ID OD

Ivory Classic

4"x4", 3"x6"

Walnut

4"x4", 3"x6"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
		Test Method	Shade Variation
4"x4" 3"x6"		**Results**	V3

TRAVERTINE CROSSCUT™

Travertine Filled & Honed

Travertine Crosscut™ is available in a variety of colors and sizes for a timeless look.

Travertine Crosscut™ • Valencia

6 Colors | 3 Sizes

Ivory Classic | V2 Variation

18"x18"

Philadelphia | V4 Variation

12"x24"

Valencia | V4 Variation

18"x18"

Silver | V4 Variation

18"x18", 12"x24"

Umbria Savera | V4 Variation

18"x18"

Pendio Beige | V4 Variation

24"x24", 18"x18", 12"x24"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technical Specifications	
			Test Method	Shade Variation
24"x24"	18"x18"	12"x24"	Results	Varies By Color

Grout joint recommendation: 1/8"

TRAVERTINE VEINCUT™

Travertine Filled & Honed

Featured in a contemporary silver color, the attractive Travertine Veincut™ plank series is offered in one size with a subtle honed finish.

Travertine Veincut™ · Silver

1 Color | 1 Size

FW R C ID

TRAVERTINE VEINCUT™

Silver

12"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
	Test Method	Shade Variation
12"x24"	Results	V4

Grout joint recommendation: 1/8"

LIMESTONE

Limestone

Limestone contains subtle variations in color and veining as a result of minerals that are present during formation. The naturally occurring variations add to the beauty of the stone.

Presidio Ivory

12"x24"

Presidio Ivory Striated & Chiseled

12"x24"

Champagne Light Striated & Chiseled

12"x24"

Presidio Ivory Pattern

6"x24" on Mesh

Presidio Ivory Splitface

6"x24" on Mesh
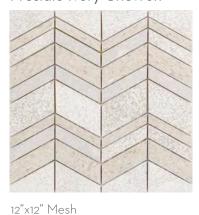
Presidio Ivory Mini

6"x24" on Mesh

Presidio Ivory Chevron

12"x12" Mesh

Presidio Ivory Rhombus

12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
	Test Method	Shade Variation
12"x24"	**Results**	V2

Grout joint recommendation: 1/8"

SLATE, QUARTZITE & SANDSTONE

Slate & Quartzite

With its natural variation in color and striking layered texture, Slate creates a unique showpiece in any environment.

Slate • Cream Gold Stacked

FW R C ID OD

Autumn Lilac | V4 Variation

16"x16"

Rustic Gold | V4 Variation

16"x16", 12"x12"

Multi Rajah | V4 Variation

16"x16", 12"x12"

Midnight Black | V3 Variation

16"x16"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technical Specifications	
		Test Method	Shade Variation
16"x16" 12"x12"		Results	Varies By Color

SLATE, QUARTZITE & SANDSTONE
Slate & Quartzite
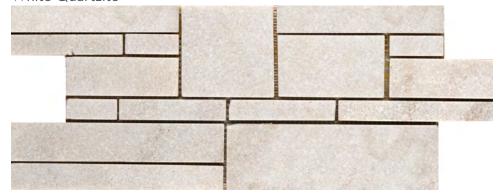
Borgo Pattern

Cream Gold Quartzite | Flamed
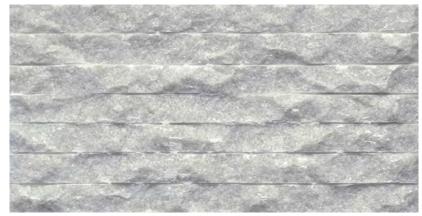
White Quartzite

Borgo Pattern Colors Available in Calibrated/Gauged 6.75"x17.5" Mesh

Slate White Striated & Chiseled

Available in 12"x24"

Mini Stacked

Black Quartzite

Cream Gold Quartzite | Flamed

White Quartzite

Corner Piece Available in All Colors*

Mini Stacked Colors Available in 6"x24"x1.25" Mesh & Corner Set

Stacked

Autumn Lilac

Black Quartzite

Cream Gold Quartzite | Flamed

Rustic Gold | California Gold

White Quartzite
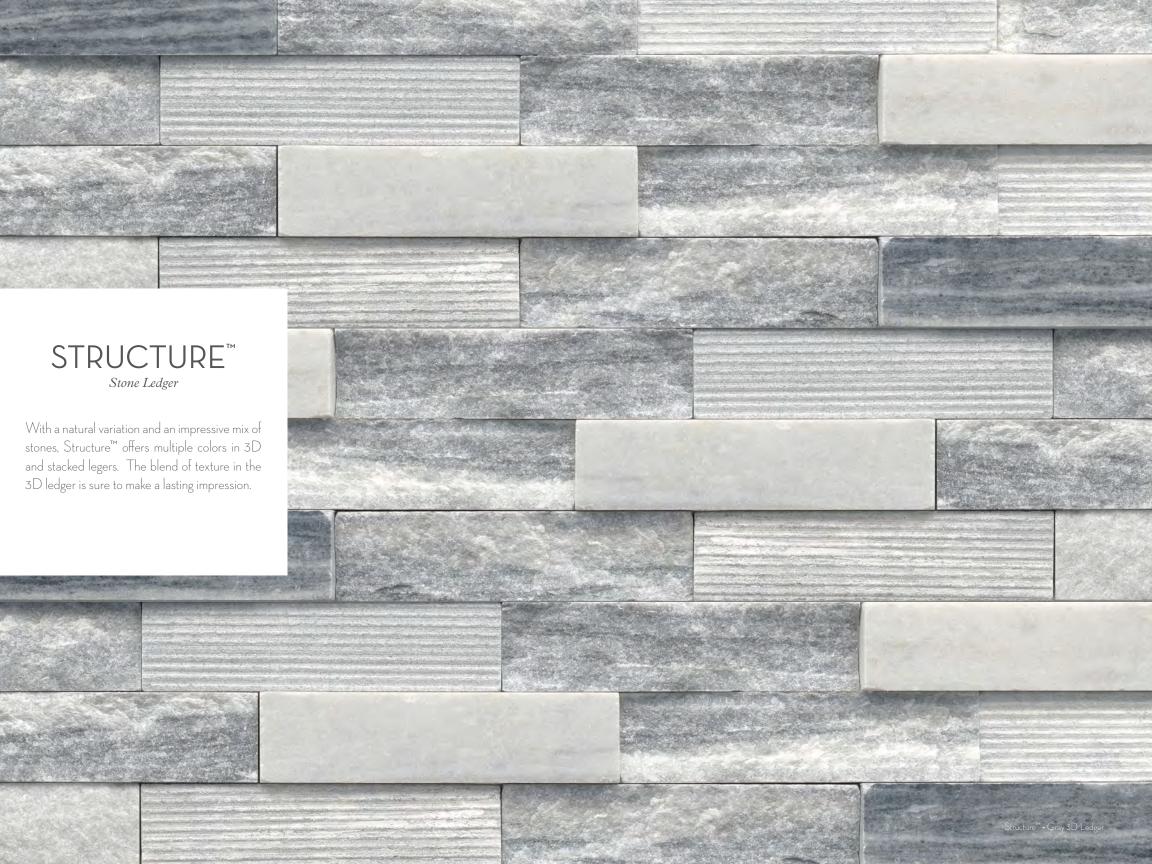
Corner Piece Available in All Colors*

Stacked Colors Available in 6"x24"x1.25" Mesh & Corner Set

Technical Specifications	
Test Method	Shade Variation
Results	V4

*Corner sets are interlocking two-piece sets that make up each corner. The dovetail jointed ends with the chiseled/natural edge interlock at the apex, and the straight cut edges on the opposing sides will line up to the corresponding 6x24 piece. Product is produced from natural stone and therefore will vary in thickness ranging from 3/8" to 1".

STRUCTURE™

Stone Ledger

With a natural variation and an impressive mix of stones, Structure™ offers multiple colors in 3D and stacked legers. The blend of texture in the 3D ledger is sure to make a lasting impression.

Ivory Stacked Ledger

Beige Stacked Ledger

Cream Stacked Ledger

Sand Stacked Ledger

Gray Stacked Ledger

Blue Stacked Ledger

Charcoal Stacked Ledger

All Colors Available in 6"x24" Mesh & Corner Set

Ivory 3D Ledger

Beige 3D Ledger

Cream 3D Ledger

Sand 3D Ledger

Gray 3D Ledger

Blue 3D Ledger
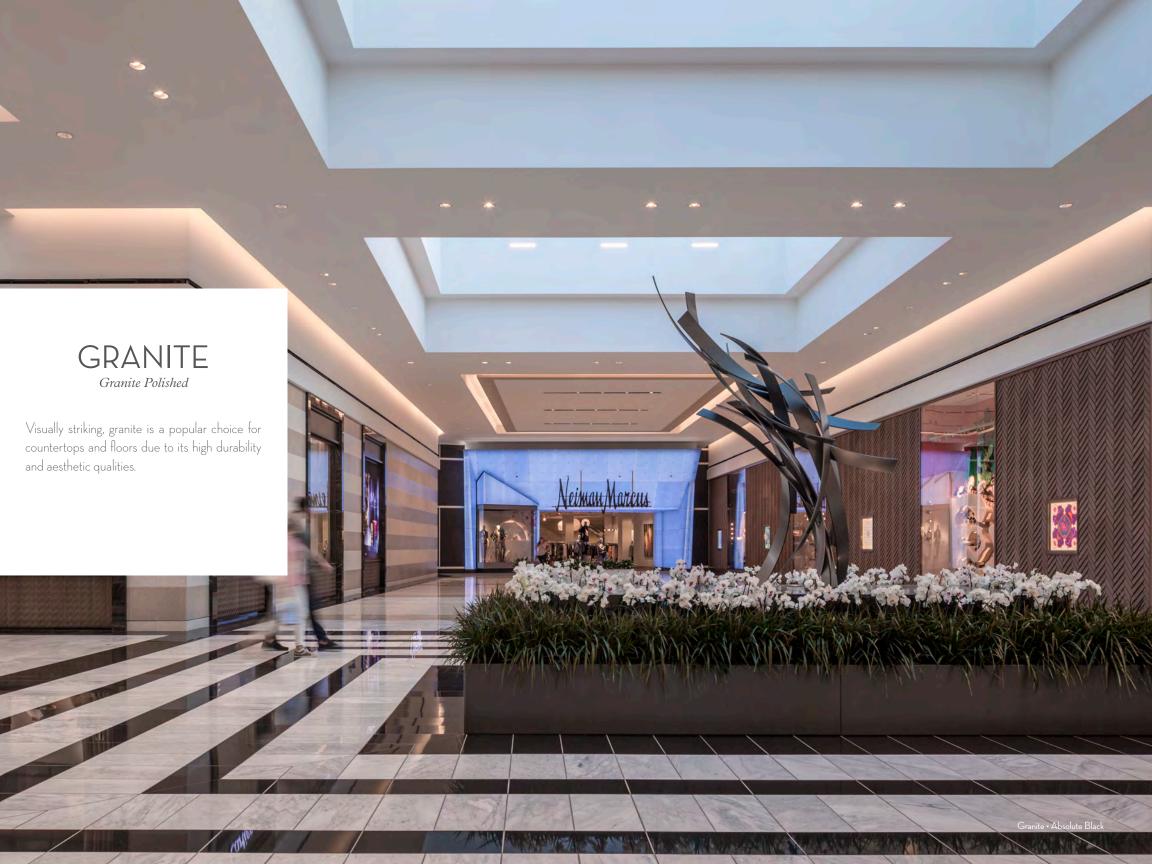
Charcoal 3D Ledger

All Colors Available in 6"x24" Mesh & Corner Set
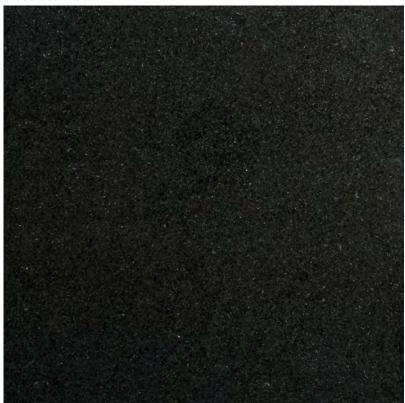
Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications	
		Test Method	Shade Variation
6"x24"		Results	V4

Grout joint recommendation: 1/8"

GRANITE

Granite Polished

Visually striking, granite is a popular choice for countertops and floors due to its high durability and aesthetic qualities.

Granite • Absolute Black

Galaxy Black

12"x12"

Absolute Black

12"x24", 12"x12"

Sizes & Trim	Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technical Specifications	
			Test Method	Shade Variation
12"x24"	12"x12"		Results	V1

Grout joint recommendation: 1/8"

E-QUARRY

Unglazed Quarry

Unglazed quarry tile is the perfect answer for installations that need added durability and slip resistance. Its extruded/die skin body resists breaking, and the relieved edges resist chipping. For an even higher level of slip resistance, an abrasive surface product is available.

E-Quarry • Brick

Beige

Brick

Smoke

Beige Abrasive

Brick Abrasive

Smoke Abrasive

Abrasive Finish

All Colors Available in Size 6"x6"

- High Breaking Strength - TCNA Approved
- Slip & Frost Resistant
- Not Affected By Chemicals & Oils
- Easy & Economical Installation
- Approved For Outdoor Installations
- Lighter & Lower Freight

- Glazed and Unglazed Quarry Brick Sizes
- Additional Field Tile 12"x12" and Trims available via special order
  (stair treads, pool copings)
- Industrial Floors Available for Industrial Projects
  (food processing, beverage and/or packing plants)

Recommended Maintenance
Sweep, vacuum or damp mop as necessary to remove dust, dirt and grit. Remove heavy spills or spots immediately with a heavy detergent and stiff brush or a non-metallic scouring pad. Routinely mop the surface with a neutral liquid cleaner. Use a simple two bucket method-one bucket containing the diluted cleaner and the other containing clear water. Mop in small areas and change the rinse water regularly. Mop up any dirty cleaning solution and allow the floor to dry thoroughly. Under normal conditions, rinsing is not necessary. However, if the surface is extremely dirty, it should be allowed to dry and mopped again. Over time a natural patina will develop. It can be enhanced with a soft buffing. For applications in restaurants/cafeteria service and dining areas, at least once per week - and more often if necessary - the floor should be scrubbed with a solution of all-purpose cleaner and a scrub brush.

Cleaning and Maintenance: Initial Cleaning and Seasoning
It is the installer's responsibility to thoroughly clean and remove all grout or mortar from the new tile surface. Because grout joints are porous and highly susceptible to staining, you may wish to protect them with an application of a penetrating sealer. If the floor will be subject to frequent staining by fat, oil or grease, you may wish to apply the penetrating sealer to the tile as well. Follow the manufacturer's directions carefully. Seal the floor only after it is thoroughly cleaned and before seasoning the floor. Season the floor by mopping thoroughly with a double strength application of neutral liquid cleaner.

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Thickness	Technical Specifications							
6"x6" • 6"x6" Cove Base • 6"x6" Cove Base Corner In • 6"x6" Cove Base Corner Out (Left/Right)	6"x6" - 9mm	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Scratch Hardness MOHS	Shade Variation Rating
		Results	1	> 400 lbf	Resistant	< .25%	> .70	8	V2

Grout joint recommendation: 3/8"

ENGINEERED
STONE

Engineered Stone features a myriad of looks and unique color variations that support one-of-a-kind installations for a variety of aesthetics. Ideal for select interior and exterior wall applications.

Cinterblock • White

Cascade Mountain

Calgary

Alberta

Sizes Vary - Please see next page for details
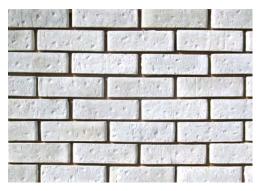
Cinderblock

White

Available in Size 3"x10" - Please see next page for details.

Grand Canyon

White

Beige

Noce
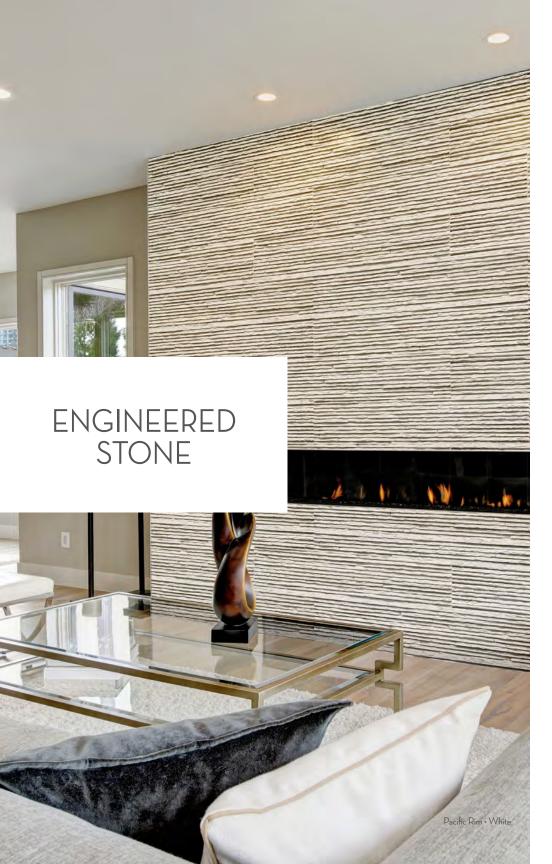
Gray

Charcoal

Sizes Vary - Please see next page for details

ENGINEERED STONE

Pacific Rim • White

Terra Nova

Rosso

Sizes Vary - Please see opposite page for details.

Pacific Rim

White

Ivory

Silver
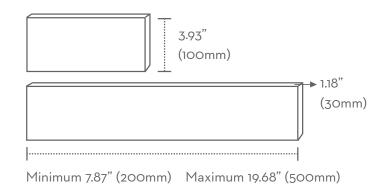
Sizes Vary - Please see opposite page for details.

Engineered Stone Technical Specifications

SERIES		WIDTH min	max	LENGTH min	max	THICKNESS	UOM	SF/BOX
Cascade Mountain	Field	2"	6"	4"	12"	25mm	SF	10.76
Cascade Mountain	Corner	2"	6"	12"	16"	10-30mm	LF	6.56
Cinderblock	Field	3"		10"		14-17mm	SF	N/A
Grand Canyon	Field	8"		8"	20"	30mm	SF	6.46
Grand Canyon	Corner	8"		4 3/8"	8 1/4"	30mm	SF	N/A
Pacific Rim	Field	6"		24"		23mm	SF	8.72
Pacific Rim	Corner	6"		4"	8"	23mm	SF	N/A
Terra Nova	Field	6"		8"	16"		SF	5.42
Terra Nova	Corner	6"					SF	N/A

Example:

3.93"
(100mm)

1.18"
(30mm)

Minimum 7.87" (200mm)   Maximum 19.68" (500mm)

Corners:

PHYSICAL / CHEMICAL PROPERTIES	**STANDARD**	**PRODUCT**		
Compressive Strength	ASTM C 192	Stone Veneer	160 kg/cm²	(2,273 psi)
Flexural Strength	ASTM C 348	Stone Veneer	31.7 kg/cm	(450 psi)
Tensile Strength	ASTM C 190	Stone Veneer	21.1 kg/cm	(300 psi)
Bond Strength	ASTM C 482	Stone Veneer	3.52 kg/cm	(50 psi)
Freeze / Thaw Resistance	ASTM C 67	Stone Veneer	50 cycles	(50 cycles)
Average Density	ASTM C 567	Stone Veneer	< 2 g/cm³	(125 lb/cu ft)
Water Absorption	UBC 15-5	Stone Veneer	< 15%	< 15%
Average Weight		Stone Veneer	35 a 45 kg/m²	(7.2 to 9.2 lb/sq ft)
Maximum Dims (Length)		Stone Veneer	600 mm	(23.6")
Average Thickness		Stone Veneer	15 a 100 mm	(0.6" to 3.9")

Composition	Portland Cement, Mineral Aggregates, Iron Oxide Pigments, Concrete Additives. (DOES NOT CONTAIN LEAD)
Color	Color becomes an integral part of the product during manufacturing process. Existing installations demonstrate that no significant changes in color are shown through several years outdoors.
Thermal Properties	Thickness of the product may vary, but isolating properties of stone veneer of an average thickness is about the same of a common 6" masonry brick.
Flamespread or Smoke Developed	Zero

The information contained herein is offered in good faith and it is understood that it is precise and accurate. This information should not be used in substitute of client's own tests, in order to ensure the safety of these products and their accordance with an intended use.

RESOURCES

Bauhaus • Croix

Product Testing and Attributes

In order for a tile to be considered for a particular application, various test results must be considered in addition to defining its final use. Usage charts are provided as a general guide only. Actual job site conditions may change a product's suitability for a specific application. If special conditions apply; an Emser Tile® representative should be consulted prior to material selections. All testing is conducted in a lab environment and represents the specific specimens being tested. New production runs, actual jobsite conditions, as well as the handling and installation of products may alter the performance results. For the most current testing results and application usage guide please visit our website at emser.com. The testing and information that should be looked at prior to making selections are as follows:

Water Absorption - ASTM C373

Water absorption is the measurement of density, porosity and specific gravity of a product. It is used as a tool for identifying structural properties of the body of the tile that may be required to determine use in a given application. Tiles are classified according to water absorption percentages as follows:

Impervious tile:	<0.5%
Vitreous tile:	>0.5% - <3%
Semi-vitreous tile:	>3% - <7%
Non-vitreous:	>7% - <20%

Breaking Strength - ASTM C648

Breaking strength is measured by applying force to an unsupported portion of tile until breakage occurs. The results are expressed in lbf (pounds of force). This test covers the determination of the breaking strength of glazed and unglazed porcelain and ceramic floor tiles, wall tiles, mosaics, quarry tiles, and paver tiles. Ceramic/Porcelain tiles used on floors and walls must be able to withstand the expected load bearing capacity of various installations and must meet >250lbf to be considered suitable for floor use. This is a very different measurement of force than PSI and there is no direct conversion of pounds of force to pounds per square inch.

Chemical Resistance - ASTM C650

The chemical resistance test is intended for tile that will be used for lavatories, food counters or similar residential, commercial or medical installations. A tile sample is placed in continuous contact with a variety of chemicals for 24 hours, rinsing the surface and then examining the surface for visible variation. These results are typically measured as a pass or fail.

Freeze Thaw Cycling - ASTM C1026

The freeze thaw cycle test measures a tile's resistance to various stages of freeze cycles. The first step involves soaking the tile in water using a vacuum method to ensure its pores are properly saturated before it is subjected to freezing temperatures. The tile is then monitored for failures. As water expands when it freezes, tiles that are not suitable will show stress cracks, or simply break apart. These results are typically reported as a pass or fail.

Scratch Hardness - MOHS Scale

Scratch hardness is the tile surface resistance to scratching by different minerals, the softest being talc (1) and the hardest being diamond (10). The MOHS scale of hardness is the most common method used to rank gemstones and minerals according to hardness.

Abrasion Resistance - ASTM C1027

Abrasion resistance measures the visible surface abrasion of glazed porcelain and ceramic, glazed quarry, and glazed mosaics by subjecting the test specimens to a rotating abrasion wheel. This test is monitored for failures after a certain number of cycles. Below is the classification for this test:

- 0: Wall use only- 100 rotations
- I: Residential, light traffic- 150 rotations
- II: Residential, medium to light traffic- 600 rotations
- III: Residential, heavy traffic; Commercial, light traffic- 750-1,500 rotations
- IV: Commercial, considerable traffic- 2,100-12,000 rotations
- V: Commercial, heavy traffic- >12,000 rotations plus dye test

*Deep Abrasion ASTM C1243 must be used for unglazed products

Deep Abrasion Resistance - ASTM C1243

Deep Abrasion resistance measures the volume removed from an unglazed tile that is subjected to a rotating abrasion wheel. Below is the classification for this test:

Class 1: Pressed, extruded, other with <0.50% water absorption - maximum loss 175mm3
Class 2: Pressed with >0.50%-3.0% water absorption - maximum loss 225mm3
Class 2: Extruded, other with >0.50%-3.0% water absorption - maximum loss 275mm3
Class 3: Pressed with >3.00%- 7.00% water absorption - maximum loss 345mm3
Class 3: Extruded, other with >3.00%- 7.00% water absorption - maximum loss 393mm3
Class 4: Extruded, other with >7.00%-20.00% water absorption - maximum loss 2,365mm3
Class 4: Pressed with >7.00%-20.00% water absorption - maximum loss no requirement
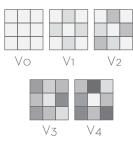
Dynamic Coefficient of Friction - ANSI A137.1 and A326.3

The coefficient of friction measurement is an evaluation of a tile surface under known conditions using a standardized sensor material. It provides a useful comparison of tile surfaces, but it does not predict the likelihood a person will or will not slip on a tile surface. DCOF (Dynamic Coefficient of Friction) specifically tests the friction of an object that is already in motion (kinetic). The BOT3000E (Binary Output Tribometer) is a machine that runs approximately 8" across a surface, measures the DCOF of the tile and provides a digital reading with the results. Because this machine is automated, it objectively measures the slip resistance and most importantly provides repeatable results. ANSI A137.1 recommends, but does not require, a wet result of 0.42 or greater for interior surfaces that are intended to be walked on wet. If the surface is not intended to be walked on wet then a different value may be specified. Some surfaces intended to be walked on wet should be >0.60 depending on final traffic type and use, so specification of ">0.42" may not be sufficient. Although there are no ADA or OSHA benchmarks for DCOF values in the current guidelines and codes for interior applications, Emser recommends a DCOF of 0.50 or greater for covered exterior floor applications as well as interior commercial dining areas due to the presence of grease, water and other contaminants. Emser also recommends that all exposed exterior floors that will be walked on wet meet 0.60 DCOF. If the floors will not be walked on when wet then a lower DCOF may be suitable. There is no direct conversion of ANSI DCOF values to European ISO R-values, however a comparison range can be provided by request.

Shade Variation

Shade variation is the tile's range from complete inconsistency to a more random appearance. Below is an overview of color and shading of individual tile selections.

V0 - Monochromatic - Very uniform, monochromatic color
V1 - Low - Consistent color within each tile and from tile to tile
V2 - Medium - Color variation within each tile
V3 - High - Some variation from tile to tile, and within each tile
V4 - Random - Considerable variation from tile to tile

V0   V1   V2

V3   V4

Glazed Porcelain

Glazed porcelains are manufactured to have superior breaking strength, scratch, wear, dirt and water resistance. Porcelains are a type of ceramic with a much more refined body and are dry pressed. The body of a porcelain has a <0.50% water absorption rate while the glaze applied to the surface of the tile is impermeable. All porcelain tiles are fired in a kiln just like ceramics but they are fired under higher heat for longer periods of time, and under pressure, which adds to the density and durability of the tile.

Glazed Ceramic

Glazed ceramics offer stain and moisture resistance compared to most unglazed clay products. Ceramic tiles are made from a combination of clays, polymers and fine powders such as sand and feldspar. The body of a ceramic is often referred to as a "bisque," or "clay." Ceramics have either a red or white body, which is typically determined by the region the clay was mined from. The body of a ceramic has a >0.50% water absorption rate, while the glaze applied to the surface of the tile is impermeable after firing, making it a low maintenance and durable wall or flooring surface.

Glazed Body Match

Glazed products typically have a white or red body, however, a glazed body match tile has a tinted body to match the top glaze color. With glazed porcelain and ceramic tiles, the hardness and abrasion resistance of the glaze will determine product suitability for a particular application. A colored body is more desirable in case the tile chips or scratches and the color of the body becomes exposed. If the body matches the glaze, chips and scratches will not be as evident.

Through-Body/Unglazed

Through-body porcelains are unglazed and exhibit the same color and pattern all the way through the tile. The pressed dry powder method is also known as Single Charging. During this process, fine powders are colored during the pressing stage of production and the pigments are consistent throughout the body of the tile. Through-body porcelain tiles are typically very dense, extremely durable and desirable in applications subject to heavy abrasion. The advantage to using through body products is the ability to bullnose custom trims on site and ability to buff out any light scratching.

Double Loaded

Double Loaded, also known as Double Charging, is formed by fusing two layers of porcelain together. The base layer of porcelain is bonded to an aesthetic top layer where the coloring is already infused into the micro-powders. Once these two layers are pressed together, they are fired to form one solid tile. No glaze is applied to the top surface. These tiles can often be bullnosed just like a through-body as the top and bottom layers are similar in color. The thickness of the top layer is significant enough where the performance characteristics would be the same as a through-body tile.

Pacific Rim™ • White

Product Usage Chart

Series	Commercial Floor	Residential Floor	Residential and Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace façade	Covered Exterior Wall Freezing Climates	Covered Exterior Wall Non-Freezing Climates	Uncovered Exterior Wall Freezing Climates	Uncovered Exterior Wall Non-Freezing Climates	Covered Exterior Floor Freezing Climates	Covered Exterior Floor Non-Freezing Climates	Uncovered Exterior Floor Freezing Climates	Uncovered Exterior Floor Non-Freezing Climates	Pool Deck	Pool Waterline	Inside Pool	Spa / Hot Tub	UV / Sun Exposure Sensitivity
Access II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N
Action	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	N
Agenda	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Albero	N	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Alluro	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Alpha	Y	Y	Y	Y	N	N	N	Y	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N
Angeles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Anthem	N	Y	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Archive	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	N
Artwork	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Barn	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Bauhaus	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Beach House	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Beach Wood	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Blue Emotion Satin	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y
Blue Emotion Flamed	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Borigni	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Brava	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Brique	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Building Blocks™ Concrete	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N
Building Blocks™ Wood|Oak	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Building Blocks™ Yakedo	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Cabin	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Cabo	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Cadiz	N	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Cairo	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cassero II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N
Catalyst	N	N	Y	Y	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y
Catch	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Center	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Charisma	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N
Chiado II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Choice II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Chronicle	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Citizen	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Ciudad	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Code Hex	N	N	Y	Y	N	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Code Trapezoid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Colori	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Concept	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N
Confetti II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Connect	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP

Series	Commercial Floor	Residential Floor	Residential and Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace façade	Covered Exterior Wall Freezing Climates	Covered Exterior Wall Non-Freezing Climates	Uncovered Exterior Wall Freezing Climates	Uncovered Exterior Wall Non-Freezing Climates	Covered Exterior Floor Freezing Climates	Covered Exterior Floor Non-Freezing Climates	Uncovered Exterior Floor Freezing Climates	Uncovered Exterior Floor Non-Freezing Climates	Pool Deck	Pool Waterline	Inside Pool	Spa / Hot Tub	UV / Sun Exposure Sensitivity
Contessa	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Cortijo	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Cosmopolitan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Costa	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N
Council	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N
Craft II	N	N	Y	Y	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Cultura	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Daroca	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Denova	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Design	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
Diva	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Downtown	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	N
Dunham	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Echo	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Edge	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Entity	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Esplanade	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Euphoria	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Eurasia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	N
Expanse	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	N
Explorer	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Express	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Facade	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	N
Flash	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y
Fleur	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Flex	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Fregio	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Geometry	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
Giza	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	N
Gleam	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Glitz	N	N	Y	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Glow	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
H2O	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	N
Hangar	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Harlequin	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Havana	N	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Hollywood	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Illumina	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Impact	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Impulse	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Infinity	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y
Influence	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP

Left table

Series	Commercial Floor	Residential Floor	Residential and Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace façade	Covered Exterior Wall Freezing Climates	Covered Exterior Wall Non-Freezing Climates	Uncovered Exterior Wall Freezing Climates	Uncovered Exterior Wall Non-Freezing Climates	Covered Exterior Floor Freezing Climates	Covered Exterior Floor Non-Freezing Climates	Uncovered Exterior Floor Freezing Climates	Uncovered Exterior Floor Non-Freezing Climates	Pool Deck	Pool Waterline	Inside Pool	Spa / Hot Tub	UV / Sun Exposure Sensitivity
Intrigue	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	N
Irish	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Jazz	N	N	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
La Vie	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Larchmont	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Latitude	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Legacy	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Link	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Literati	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Lucente	N	N	Y	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	N	N	N	Y	Y	N
Marquesa	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Milestone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Mokuzai II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Mood	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Morocco	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Motif II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Motion	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Mythos	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Network	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Newberry	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Newport	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Nostalgia	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Nova	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Nuovo	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Ombre	N	N	Y	Y	N	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
Orchard	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Outpost	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Parquet	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Passion	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Picket	N	N	N	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y
Pienza	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Pocono	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Porch	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Porto II Matte	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	N
Porto II Polished	N	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	Y	Y	N
Potenza	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Raku	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Realm II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y
Reminisce	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Reserva	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Residenza	N	N	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	Y	Y
Retro II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP

Right table

Series	Commercial Floor	Residential Floor	Residential and Commercial Wall	Shower Wall	Shower Floor	Steam Shower	Kitchen Counter	Stove Area	Fireplace façade	Covered Exterior Wall Freezing Climates	Covered Exterior Wall Non-Freezing Climates	Uncovered Exterior Wall Freezing Climates	Uncovered Exterior Wall Non-Freezing Climates	Covered Exterior Floor Freezing Climates	Covered Exterior Floor Non-Freezing Climates	Uncovered Exterior Floor Freezing Climates	Uncovered Exterior Floor Non-Freezing Climates	Pool Deck	Pool Waterline	Inside Pool	Spa / Hot Tub	UV / Sun Exposure Sensitivity
Rhapsody®	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Rhythm Solid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y
Rift	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Rivera Pebbles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Sanctuary II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	N
Sandstorm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N
Sculpture Flat	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Señora	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Silhouette	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N
Sonata	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Source	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Sphere	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Splash	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Sterlina Matte	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Sterlina Polished	N	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N
Style II	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Sweden	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Swiss II Matte	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y
Swiss II Polished	N	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N
Synergy	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Technique	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N
Terazio Matte	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Terazio Polished	N	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	Y
Terrane	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Tesola	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N
Theory	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Thread II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Toledo	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	Y	Y
Topanga	N	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N
Trovata II	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Uddo	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Unique	N	N	Y	Y	N	N	N	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N
Uptown	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Velocity	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Venetian Pebbles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Vertigo	N	N	Y	Y	N	N	N	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N
Virtue	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Vista	N	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N
Volare	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP	TIP
Xtra	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Zen	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	Y

Raimondi® Clip Leveling System

Best Practices – Installation

PREP:

Pattern Installations

Before selecting a multi-size, multi-finish, or multi-product pattern, it is important to understand the nuances of pattern assembly and installation. Having the distribution center dry lay prior to ordering is absolutely necessary to ensure a pattern will work. Grout joint width must be taken into consideration in order for the final pattern design to align properly. Proper overages should be ordered to ensure the entire project is being ordered from appropriate size and shade calibers. When doing a checkerboard pattern, for example, with two tiles that are the same nominal size, from the same series, it may not work if the actual dimensions of the product are not the same. Each color, finish and size may be from a different production run. Selecting tiles from the same series or even the same color does not guarantee that a pattern will work correctly.

Dry Lay Prior to Setting in Mortar

It is standard practice to dry lay all tiles with a pattern as well as mosaic products, especially those with an interlock prior to setting them in mortar. This is especially critical with natural stones that may display V2 Shade variation or higher. Dry laying ensures the interlock is tight, the tiles can be blended properly and the sheet placement and cuts can be planned accordingly.

Gauged Porcelain

It is important to understand gauged porcelain standards for interior installations (ANSI A108.19) prior to beginning any work. Special tools and procedures must be observed to ensure a successful install. There are many things to consider from transportation of A-frames on flat-bed trucks, A-frames to move materials around the jobsite, carrying material up elevators and stair wells, suction cups and special tools for handling, additional surface prep to ensure floor flatness, appropriate tables and tools for cutting, corner protectors, additional labor and the like. Emser Tile, in partnership with its adhesive manufacturers, offers training and information on how to achieve a successful installation in this product category prior to purchasing. As of the publication of this catalog there are no industry standards for exterior use. As such, manufacturer's recommendations prevail. A mortar method can be used for horizontal exterior applications, while a mortar and mortar/fastener method should be considered for vertical exterior applications.

SET:

Finishing High Relief Edges

3D, textured, split-face and high relief products may be challenging to trim out when coming to a sudden stop in the middle of a wall, when tiling around an outlet, mitering a corner, or butting them up to an adjacent wall covering. Due to the nature of these products, it is best to tile from end to end both vertically and horizontally whenever possible. Where a stop is necessary, some series may come with a flat field tile that can be used to trim out the desired edges. Otherwise, it may be necessary to simply leave the edge grouted, coordinate bullnose and flat pieces from other series, or install metal profiles. In the case of natural stone split faced edges, hand chiseling may be required. Additional options should be discussed and may be available prior to material specification.

Knocking Down Ridges

Before pressing glass tiles and mosaics into adhesive, it is important to knock down the ridges and smooth them out with the flat edge of your trowel, to prevent them from showing through the glass lens, or coming up through thinner mosaic products. In some cases, where back buttering tiles is necessary, it is important these ridges be knocked down as well as not to create stripes or unintentional voids. For glass lens products, any mortar or adhesive that comes up between the tiles may be visible post install.

Leveling Clip System

A leveling clip system is recommended to achieve narrow grout widths and minimize lippage with planks and large format tiles (those with a single edge being >18"). The clip system will not only allow for a tighter joint, but will minimize the visibility of any inherent warping, or lippage, that may be prevalent in the finished application. Often times a clip system will allow a joint to be narrower than the manufacturer's recommendation and should be discussed with a sales associate prior to specification.

Large Format Shower Floor

Field tiles larger than 6"x6", that meet appropriate DCOF values based on final use, that cannot be sloped towards a center drain on a shower floor, may be sloped to one side using a linear drain. For proper sloping, reference to ANSI installation standards is required.

Joint Width

ANSI standards recommend that the actual grout joint size be at least three times the actual variation of facial dimensions of the tile supplied. Example: for tile having a total variation of 1/16" in facial dimensions, a minimum of 3/16" grout joint shall be used. Nominal centerline of all joints shall be straight with due allowances for hand molded or rustic tiles. The actual grout joint size may of necessity vary from the grout joint size specified or recommended by the manufacturer.

Lippage Allowance

For grout joint widths 1/8"-1/4", a 1/32" lippage is allowed during installation. ANSI standards recommend that the total lippage be calculated by adding this allowable lippage for installation to the inherent warping of a product. Installation lippage + warping in manufacturing (within tolerance) = total allowable lippage of a finished assembly. This can be as much as the thickness of a quarter (coin), slightly over 2mm. The presence of lippage can be exaggerated by a number of factors: uneven subfloors, laying large format tiles in a 50% brick joint offset, not back buttering large format tiles, grout joint width being too narrow and natural and artificial light sources making standard variances more noticeable. Industry standards allow for a certain amount of lippage to be present based on various factors. In backsplashes the most common unavoidable issue that accentuates lippage is under-cabinet lighting, lighting from a hood range washing the tiled wall. Whenever possible all light sources should be a minimum 24" from the wall to prevent shadowing.

Universal Cove Installation

Emser Tile's cove bases are designed to be universal top mount, or inline, with a 3/8" radius to comply with health codes. To use the cove as a top mount, the bottom lip should be cut at the curvature to ensure the curve feathers into the floor it is being placed on top of. This would be most commonly used over existing tile or concrete floors. To be used as an in-line cove, the lip should remain intact and be installed adjacent to the floor tile (not on top of it), so the curvature feathers into the surface of the field tile. To comply with codes, the lip should never be placed on top of an existing floor covering creating a 90 degree angle between perpendicular surfaces. The lip either must be cut off, or sunken in behind the tile/floor. To tile above a universal covebase, the bullnose edge simply needs to be cut off. Alternatively, the top bullnose edge can be left in place when the cove is used as a base trim.

33% Offset

For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock up and lippage. In some cases, tiles with an edge larger than 48", by necessity, may only accept a maximum 20% offset. Should tiles in the actual shipment received be completely flat, the final offset can be determined by the specifier and owner and can be 50% only if the tiles and substrates allow it. Some patterns such as a weave, pinwheel or herringbone are considered a 50% offset.

Remove and Replace Modules

When working with any mosaic sheet, especially those with a linear pattern, freeform pattern, or interlocking edge, manipulation by cutting individual modules from the mesh may be necessary to ensure that the product interlocks properly and creates a seamless look. Hand placement of individual pieces should also be considered for best results when working with certain types of freeform patterns to avoid small perimeter cuts.

Preventing Chatter During Glass Cuts

To avoid chipped edges when cutting with a wet saw, position the blade 1/32" short of cutting entirely through the glass. When the cut is complete, simply snap the edge off for the cleanest cut.

GROUT:
Grouting High Relief Edges

Grouting high relief products may not be necessary in a dry application when the tile is just being used as a decorative wall covering. However, when using tiles in a wet application such as a shower, exterior, or any area that will come in contact with moisture, grease, food, or other types of debris, it may be necessary to grout in between the tiles to prevent water damage, mold growth and other undesirable effects. The best way to do this is with a grout bag and/or brush, to ensure the grout is forced into the joint properly. In some cases where the joint width is very narrow, caulking may be a more suitable option instead of grout.

Brushing During Grouting

For the best results during grouting, a medium bristle brush may be required to expose the edge of the pebbles or high relief modules to a desired level and expose any that may have been buried using a standard rubber float.

Forceful Grouting and Sanded Grout

Forceful grouting with sanded and non-sanded grout may scratch the surface of metal, glass, resin, and polished finishes. It is important to be careful when grouting decorative mosaics, tiles with glossy glazes and unglazed polished products. A new rubber float is recommended for these types of finishes to ensure abrasives have not dried onto the float from any previous work.

CARE:
Removing Nano Coatings

Nano coatings are buffed into the surface of polished products to increase luster and protect the tiles during shipping, handling and installation. This finish should not be removed unless it has been compromised during installation. A nano cleaning agent is necessary to evenly remove the coating. Other types of chemicals and detergents may not work if they are not specifically designed to be a nano scrub. A sealer should be applied to the surface after the nano coating is properly removed to aid in day to day cleaning.

Grout Release and Sealing Porcelain, Ceramic, Glass and Metal

When installing matte glazed, unglazed, metallic, textured, crackled, or high DCOF products (>0.50 DCOF wet), the use of a grout release is recommended prior to grouting. This includes frosted and matte finished glass tiles as well. Grout particles may become trapped in the surface pores on a microscopic level, or in the textured grooves of a product and inadvertently create a grout haze. Sometimes this haze can be invisible until it is exposed to dirt. Although glazed and high-density products are generally considered impervious, sealing these types of products after install will aid in day to day cleaning and help eliminate the appearance of fingerprints and other marks only seen under certain angles of light. Using in appropriate sealers and/or not following the sealing manufacturer's instructions may result in undesirable effects on the tile such as yellowing, or creating a gummy film. All guidelines must be followed prior to application.

OTHER:
Wall Wash Lighting

If wall wash lighting that is installed under cabinets, or on a range hood, is positioned closer than the recommended 24" from a wall, specifier and owner must approve a mock-up as well as any lippage effects. The nature of wall wash lighting that is installed too close to a wall surface is such that it may create undesirable and exaggerated shadowing on the tiled surface, making the appearance of tile that is otherwise produced and installed according to industry standards unattractive.

Shadow Effect in Glass Tile

When using back painted glass tile and mosaic products, a shadowing effect may be inherent in the finished application, at the grout joints, when viewed at certain angles. This effect is due to a number of factors including mortar ridges showing through, inherent presence of glue on the edges of any mosaic modules, or grout not being forced into the joint properly. It is most noticeable when the mortar is a contrasting color to the grout as well as when light colored grouts are used. In order to blend the appearance of shadows between adjacent tile modules, it is best to tint the mortar to match the grout color, make sure edges of tiles are clean, knock down any trowel ridges, ensure the mortar is not coming up between the tiles and ensure grout joints are properly filled.

Mounting Shower Doors/Hardware to Glass Tiles

Glass tiles breaking after being drilled for fixtures is a very common issue, even when the installer does everything correctly, due to a number of factors such as: tension in the glass from drilling, over-tightening screws, not using rubber washers etc. Glass tiles are generally not recommended behind any type of grab bars, shower doors or any fixtures that need to be drilled into. Where tile is used in this type of application cracks may not be evident immediately during, or after install and may appear at a later time. If a glass tile is used in this type of application, rubber washers, soft joints, drilling into the joint, hand tightening screws, and water jetting holes whenever possible are recommended for optimal results.

General Installation Liability

Emser Tile will not be responsible for any materials damaged due to improper installation, installation defects or errors, misuse including negligence, and physical or chemical abuse to the surface of the tile. It is imperative that industry standards and guidelines for installations are followed. Refer to the TCNA Handbook, NTCA Handbook, ANSI, NSI and any other reputable industry sources for guidelines on proper installation as needed.

Best Practices - Manufacturing

Manufacturing Tolerances

An inherent characteristic of all fired products is that they may bow, wedge and warp, to a certain degree, causing them to potentially vary in size from batch to batch. Even with regulatory controls in place, these variations in size and color may be inevitable and are due to changes in moisture and thermal loads that alter the product during manufacturing. Batches of tile are identified and separated into lots by specific shade and caliber. Multiple shades and calibers of a single item are accepted within a certain range. To find out what the acceptable out of square and warping tolerance limits are, product types can be referenced in ANSI A137 manufacturing standards. For installation guidance, the TCNA Handbook or ANSI A108 should be observed as they are written with manufacturing tolerances in mind.

Face Pattern Repeat

Although advancements in inkjet technology allow for an increased number of faces before a repeat, all boxes are packaged at random. A box of tile may not be comprised of all unique faces. You may have repeats in your final shipment depending on the square footages that were ordered. Specific face patterns cannot be sorted or requested prior to shipping.

Shade Lot Variation | Trim Coordination

All tiles, whether manufactured or natural stone, are from a particular caliber and shade lot. It is not uncommon for the specific lot your order came from to no longer be available as early as a few weeks after making your original purchase. Block availability from a natural stone quarry and/or the shade and caliber lots of manmade tiles from a particular production run at a factory may be different with each order. On occasion, matching lots may be available. However, it is important to always order appropriate overages for cuts, pattern layouts, and future repairs to ensure a proper match. Trim pieces are intended to coordinate but also may not be made from a matching size and shade caliber. A lot check is recommended when specific requirements must be met. In some cases, special order options may be available.

Varying Size and Finish Within a Series

Due to the inherent nature of all fired products, size calibers must be observed when ordering multiple tiles, from the same series, for a single application. Field tiles that are used together in a pattern, or ones that must line up with trim, need to be verified against actual dimensions, not nominal dimensions. When specific alignment or coordination of colors and finishes are required, specific lots need to be checked by request to ensure compatibility between products, even if all components are assembled from a single series.

Country of Origin and Quality

All tiles are intended to be produced according to the guidelines set forth by ANSI and NSI manufacturing tolerances, regardless of the country of origin. Country of origin will not necessarily play a role in product performance or quality. The quality and performance of a product are observed in the technical characteristics and lab test results of a series.

Markings on Back of Tile

Arrows and other markings on the back of a tile are not related to the installation or direction the tile should be installed in any way unless explicitly noted on the product packaging, marketing and/or manufacturer's instructions.

Metals

Many modern mosaics and field tiles are made from actual aluminum, stainless steel, metallic foil backing, or metallic glazes. Often times these metals can be adversely affected by weathering, heat and moisture. It is always important to double check usage to ensure your product will not fail in your intended application. Scratching, oxidation, discoloration from heat and chemicals, appearance of finger prints and water spots are not considered a defect, but a natural reaction expected of metals exposed to certain conditions.

Cast Metal Tiles

Cast metal tiles contain real metal particles that are combined with polymers and cast into molds. Due to the presence of real metal in these tiles, they are not recommended for exterior applications that are exposed to the elements. Cast metal tile is suitable for interior and covered exterior walls only and is not recommended for floors. The use of a non-sanded grout is recommended as sanded grout may scratch and dull the finish. These tiles are not suitable for pools, or fountains, but may be used in showers and backsplashes as long as they are not exposed to any harsh chemicals or abrasive cleaning.

Glass Tile Types

There are various styles of glass on the market today. "Back painted" is a general term that describes the color application process to what typically starts out as a clear slab of glass tile and has color applied to the back surface. If you hold the back painted tile sideways, you can see right through the lens. Not all back painted glass tiles are the same; there are subtle differences in manufacturing that define where these tiles can or cannot be used. It is imperative that the glass tile is installed over the proper substrate. To avoid adversely affecting the color of glass tile, white mortar is required for all installations. As most glass has translucent properties, it is important to ensure adequate coverage of mortar by lightly back buttering the tiles. Some types of back painted or back foiled glass are not suitable for exterior or wet applications as the coloring is not designed to hold up to these types of conditions. Glass tiles with a frosted finish will generally not do well when exposed to pool chemicals. For these reasons, usage may be color specific within a series.

Crackled and Crazed Ceramic Finishes

Crackled and crazed finishes are considered a desired look, not a defect, in the glaze of certain tiles. The tiles may be used on wet area walls if properly sealed. They are not recommended for general use on floors and counters. Typically, products with these finishes will have potential size variations adding to the handmade and hand painted look. It is recommended that a grout release, or a sealer be applied to the crackled glaze prior to installation so the tile will not absorb any grout pigments, or installation related debris. After grouting, a penetrating sealer should be used to seal the surface of the tile. Abrasive cleaners should not be used with these types of products.

VOC's

Certification is not needed to satisfy LEED® specifications with hard flooring surfaces. The test methodology specified in CA Department of Public Health Standard – Section 01350 is the same one used for the following certifications:
- SCS/RFI FloorScore
- SCS Indoor Advantage, Indoor Advantage Gold
- AQSI/GEI Greenguard, Greenguard -Children & Schoolsd
- CRI Green Label, Green Label Plus

Due to the manufacturing process of all of our fired floor tiles, the temperatures that these tiles are produced at inherently eliminate the presence of any off-gassing and results in no detectable emissions of Volatile Organic Compounds (VOCs). As such, Emser's floor tiles perform better than the requirements of the FloorScore certification. Hard surface flooring products can contribute to gaining 1 POINT for low-emitting materials in LEED® V4 rating systems. The credit definition is: "Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements". For this reason, it is assumed that ceramic and porcelain floor tiles are negligible sources of VOCs and are available for credit without any testing requirements.

Transparency

Emser tile practices raw ingredient transparency which can be seen in HPD2.1 and SDS documents. Additional information can be found in our sustainability initiative on www.emser.com as well as in this catalog.

Flame Spread Characteristics

Flame spread is measured using ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials, compliant to CBC Chapter 8 Section 803. This test will measure flame spread, fuel contributed, and smoke developed. It is intended for all building materials including everything from counters, fabrics and wall surfaces to cementitious substrates. However, the test method and the building codes do not apply to tiled surfaces. The test itself does not list tile as a required specimen for submission. The time temperature curve this test is conducted at will max out at around 1200 degrees Fahrenheit. Quarry tile, ceramic and porcelain products pass this test as far as fuel and flame spread go. Although, under actual use circumstances, smoke may be caused on the surface of the tile due to a number of outside factors i.e. sealers, cleaners, grease, surface debris etc., which are not a direct cause of the tile itself, but rather due to inherent presence of foreign materials on the surface. Because ASTM E84 is conducted in levels below 1200 degrees and our tiles are manufactured at temperatures greater than 2000 degrees Fahrenheit, the combustion and melting points of our tiles substantially exceed the testing threshold. ASTM E84 is a comparative test where the performance of the test specimen is compared with that of fiber-cement board and select grade red oak flooring, which have been established as 0 and 100, respectively. Testing of floor tiles is not required or a recommended industry practice as they will produce a result of Class A-0 due to their composition.

Best Practices – Natural Stone

Natural Variation

Variations in veining, fissures, pits, texture, color and shade are inherent characteristics of natural stones and will vary from tile to tile as well as from lot to lot, depending on the type of stone you select. There are various types of stones available on the market, the most popular being granite, marble, onyx, limestone, travertine and slate. Some species and colors are more consistent than others. Range samples can be provided by request prior to purchasing that represent the range of a product. A single showroom display may not accurately represent a stone's complete aesthetic qualities.

Hand Selection

Hand selecting natural stone tiles and mosaics is impractical and is generally not accepted industry wide. However, where a specific aesthetic value is desired, range samples can be requested to represent the current lot prior to purchasing. Aesthetic appearance can be a very subjective selection process when looking at individual tiles, so the range of the product must be accepted "as is". If any adjustments need to be made to a specific range, waste factors must be accounted for during this selection process. The tiles provided are intended to represent the coloring and finish of the final shipment. Sometimes the range of a stone can be captured in 3 tiles, while other stones may require >10 samples.

Cross Veining in Linear Patterns

Parallel lines that are desirable in vein cut stones may have occasional perpendicular cross veining that cut across the linear pattern. This veining is a natural occurrence just like the other colors, shades, and veining characteristics of the stone and may present itself at random. Cross veining is not a crack and does not compromise the stability of the stone. Veining is not considered a defect of the product.

Stone Grades

Marbles and other natural stones are categorized by soundness classifications and are rated A-D by the Natural Stone Institute. This is not necessarily a quality, performance, or product usage scale, but rather a classification for character consistency and stability. This detailed grading system takes the stone's natural characteristics into consideration to set proper expectations. All travertine for example, regardless of manufacturer or country of origin, and many common colors of marble, like Crema Marfil and other commodity stones are always a Class C due to the natural presence of veins, pits and fissures. Within this grade, some quarries will separate their stones into sub-categories by identifying products as "Premium", "Plus", "Classic", "Select" etc. based on their own criteria to distinguish aesthetic consistency between lots. The "Premium" selection from one factory and supplier will be different than that of another and a Class C stone will always be a Class C regardless of the subcategory (batch aesthetic consistency) it is given. Some C and D stones are manufactured with resin reinforced mesh backing, holes are filled with cement or epoxy fillers, and rods are used for stability. Veining and coloring can be generally inconsistent and a desired feature between modules, and chipped edges may be engineered from epoxy. Some species of stone have more inconsistencies than others, however, this is not a defect of the stone. This soundness classification guide is not to be confused with seconds, or commercial grade stones that require a good deal of fabrication to be useable.

Stone Types

Emser Tile's website and marketing literature may not represent the true geological nature of the stones commonly referred to in the industry as marble, granite, limestone, travertine, onyx, slate, sandstone, quartzite, etc. The true geological nature of any stone may be verified by conducting a test through an independent bona fide laboratory.

Travertine Fill Colors

Filler colors in a prefilled travertine can vary from batch to batch as the coloring is changed to coordinate with every production run. However, it may not be an exact match to the base color of the stone due to natural stone variations.

Travertine Hole Formation

Air pockets and voids are present in the stone during its formation and are a desired characteristic of the stone. Some of these holes and voids may be present under a razor thin layer of surface rock. It is not uncommon for a travertine floor to reveal new holes in the first year after installation from standard pedestrian loads, fillers dislodging, movement of fixtures and furniture. New hole formation is not considered a defect of this particular stone. If desired, these new voids can be filled quickly and easily with grout, epoxy or equivalent synthetic fillers.

Rust, Efflorescence, Discoloration and Transformation

Presence of excessive moisture may affect the look of your stone. Efflorescence is a concentration of salt minerals trapped in the stone that become visible, similar in appearance to chalk or foam, in hot and humid climates and wet applications when water passes through the stone taking traces of salt to the surface. Rust may also appear in certain stones that have metal minerals like iron present in the body. When these minerals react with water, the water will pass through the stone bringing the oxidized metals to the surface. This is especially visible in slate, as well as lighter colored stones. It is imperative that the stones be properly sealed before and after installation and proper water proofing membranes are used to minimize and/or prevent these occurrences from happening. Six-sided sealing may be recommended to prevent discoloration in certain applications.

Using Light Stones on Shower Floors

When using light colored stones on shower floors it is important to seal the product prior to installation, ensure all weep holes are kept open during installation and do not get clogged with mortar, and proper waterproofing measures are taken. Even when installing these products correctly, many light stones have a tendency to rust or darken over time when used as a shower floor. Sometimes these affects are immediate and other times they can take years to surface. Stone discoloration from a reaction to excessive moisture is not a defect but a natural occurrence of the product.

Sealing Granite

As a general rule, it is important to seal any product that has any percentage of water absorption to protect the surface. This applies to natural stones including granite, however, the only stones that typically go unsealed are black granites. When used as countertops or in wet applications, sealed black granites are known to show water marks and rings when exposed to moisture, or acids for extended periods of time. These watermarks or etchings can be caused by a number of factors, the most common is a reaction of the sealer being exposed to water for prolonged periods. The other reason may be a reaction of the mineral on the surface of the stone to acids. When using dark stones in wet applications, proper sealing and waterproofing methods must be observed based on the scope of work.

Stone for Exterior Use

Certain stones, especially most slates and travertine, are not rated for exteriors or wet applications. Although some may do well in warm dry regions, they may be compromised when used in wet freeze/thaw environments. Although you may see photos of these types of products used successfully around pool sand patios, they may not be suitable in all climates. When used in inappropriate climates they can sometimes be maintained with additional maintenance, however, may ultimately fail if not installed or maintained correctly. Some stones can swell when they absorb water and as a result may rust, become muddy, brittle or flake excessively. Quartzite, although it looks like slate, is a completely different rock and is perfect for wet and exterior applications as well as freeze/thaw climates. It is not uncommon for stones that look similar to have completely opposite types of performance characteristics. For this reason, it is important to check manufacturer's recommendations prior to specification.

Epoxy Mortars- Onyx, Marble, Sandstone

It is important to use epoxy based, solid setting adhesives and grouts when installing mesh, resin, epoxy or fiberglass backed stone to ensure proper adhesion. Stones requiring epoxy, even if they are not mesh backed include; green marbles, serpentine stone, black marbles and some sandstones. These stones will typically warp or discolor from exposure to moisture during the installation process when using a standard mortar.

Mortar Colors

Many light stones such as marble and limestone may react negatively to the ingredients contained in gray mortars. It is highly recommended to use white mortar on light stones and gray mortar for darker ones.

Stone Lippage

The presence of lippage can be exaggerated by a number of factors: uneven subfloors, laying stone in a 50% brick joint offset, not back buttering large format tiles, grout joint width being too narrow and the lighting source making standard variances more noticeable through shadowing. Industry standards allow for a certain amount of lippage to be present based on various factors. To eliminate lippage altogether, some stones may be altered by grinding and refinishing the surface after install. This procedure is to be conducted by skilled professionals and is only possible on select stones and finishes.

Care & Maintenance

Cleaning Glazed Porcelain & Ceramic

Glazed porcelain and ceramic tiles are among the easiest flooring materials to clean. Due to their impenetrable glazes, their surfaces are resistant to water, dirt, chemicals, oil, debris, and even germs and bacteria.

Always remember:
- Do not clean porcelain tile flooring with ammonia or with cleaners that contain bleach and/or acid. Acid and ammonia based cleaners may modify grout color and product stability.
- Use a cleaner that is pH neutral. This ensures cleaning will not harm your grout or surrounding surfaces.
- Do not use wax or oil-based cleaners.
- Use rugs at entrances to prevent dirt and grit from being tracked onto the tile flooring from outdoors. Tiles are scratch resistant but not scratch proof.
- Do not use steel wool or other abrasive pads to remove tough debris or stains. Steel wool scratch your tiles and loose steel particles may eventually create rust stains in the grout over time.
- Although glazed surfaces are impervious, the use of a grout release will aid in post installation clean up, especially if the glazed surface has a texture to it where mortar, grout and other construction debris can get trapped inside grooves during and after installation.

Standard cleaning guidelines of glazed products:
- Sweep or vacuum loose dirt and dust from the floor prior to washing with water to prevent the tile from becoming muddy or leaving a residue after cleaning. On textured surfaces sweep in multiple directions to ensure the removal of all foreign material that might be residing in the textured surface. For wall surfaces tile can be gently wiped down with a clean, dry cloth or rag.
- Mop the floor with a mild detergent, degreaser, or tile cleaning solution. For textured floors, the use of a medium bristle brush is recommended. A sponge or clean cloth can be used to apply the cleaning agent to wall surfaces.
- Rinse the tile thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to increase the shine and to prevent water spots or streaks.

Cleaning Unglazed Porcelain & Ceramic

Unglazed products are highly desirable due to their double loaded and through-body characteristics. Polished finishes are typically protected by nano and/or wax coatings and are resistant to water, chemicals, and scratching. Matte and textured finishes are generally unprotected and although the surface is impervious, it may be more difficult to clean post install than a polished surface due to the inherent surface characteristics of these finishes on a micro pore level.

Always remember:
- Do not clean porcelain tile flooring with ammonia or with cleaners that contain bleach and/or acid. Acid and ammonia based cleaners may modify grout color and product stability.
- Use a cleaner that is pH neutral. This ensures cleaning will not harm your grout or surrounding surfaces.
- Do not use wax or oil-based cleaners.
- Use rugs at entrances to prevent dirt and grit from being tracked onto the tile flooring from outdoors. Tiles are scratch resistant but not scratch proof.
- Do not use steel wool or other abrasive pads to remove tough debris or stains. Steel wool may scratch your tiles and loose steel particles may eventually create rust stains in the grout over time.
- Nano coatings should remain intact post install for added protection. However, if electing to remove nano coatings, a nano scrub or poultice type product may be used. Ask a sales associate for details.
- Although unglazed surfaces are impervious, the use of a grout release will aid in post install clean up, especially if the unglazed surface has a matte or textured finish to it where construction debris can get trapped during grouting. Sealing may also be recommended post install to aid in day to day maintenance of these surfaces.
  It is suggested that a breathable penetrating sealer be applied to matte unglazed surfaces after grouting. This treatment provides an excellent defense against staining and may be desirable in high traffic areas. Follow the sealing manufacturer's guidelines for recommendations on how often a sealer should be reapplied.

Standard cleaning guidelines of unglazed products:
- Sweep or vacuum loose dirt and dust from the floor prior to washing with water to prevent the tile from becoming muddy or leaving a residue after cleaning. On textured surfaces sweep in multiple directions to ensure the removal of all foreign material that might be residing in the textured surface. For wall surfaces tile can be gently wiped down with a clean, dry cloth or rag.
- Mop the floor with a mild detergent, degreaser or tile cleaning solution. For textured floors, the use of a medium bristle brush is recommended. A sponge or clean cloth can be used to apply the cleaning agent to wall surfaces.
- Rinse the tile thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to increase the shine and to prevent water spots or streaks.

Cleaning Glass, Metal & Decorative Mosaics

Many of the metal tiles you see on the market today are made from solid metal, coated in metal glazes, or cast from polymers that are fused with real metal particles. Due to the presence of actual metal in most cases, careful attention must be paid when cleaning these unique surfaces. Glass is one of the easiest surfaces to clean. Due to its impervious nature, all stains will remain on the surface and can be wiped away with no effort. When cleaning glass and/or resin based blends the least abrasive method should always be used first as not to damage, discolor, or scratch the surface.

Always remember:
- Stainless steel cleaners for appliances tend to work well on stainless steel tiles as they are typically made from similar grades of steel. However, it is important to note that not all metal tiles are made from stainless steel and as such a pH neutral cleaner or water with a mild soap solution can be used.
- It is not recommended that any abrasive cleaners or scouring pads be used to clean metal as it may scratch the surface and cause the tiles to oxidize.
- It is also important to keep the tiles dry and away from heat as much as possible.
- Be sure to follow grout manufacturer's instructions on cleaning and sealing grout properly.
- Grout cleaners containing bleach or ammonia may be harmful to the metal if not applied properly.
- Do not use any abrasive cleaners or scouring pads to clean glass as they may scratch the surface.
- There are many cleaning solutions on the market today suitable for cleaning glass tile. In most cases a standard glass or multi-surface cleaner applied with a cloth or paper towels will work well.

Standard cleaning guidelines of glass, metal and decorative products:
- Wipe loose dirt or grease from the surface. An untreated paper towel or cloth is recommended.
- Wash the surface with a mild detergent, degreaser, or glass cleaning solution (do not use abrasive cleaners or abrasive applicators).
- Rinse the tile thoroughly with clean water if a detergent is used.
- Drying with a clean cloth or paper towel is recommended to increase the shine and to prevent water spots or streaks.

Cleaning Natural & Engineered Stone

Natural stone is a very durable surface when protected and maintained properly and is widely used in residential and commercial applications.

Always remember:
- Sweep or vacuum your floors regularly.
- Protect your stone from sand and grit as floors may scratch from dirt and debris.
- Be careful with acidic foods and drinks (lemonade, orange juice, etc.) as they may etch certain stones.
- Never use any cleaners that contain ammonia, acids, or bleach.
- Never apply wax or acrylics to the surface as they may damage the stone.
- Tend to spills quickly. Sealers do not prevent 100% of damages caused by spills.
- Sealing all natural stone is highly recommended.
    It is suggested that a breathable penetrating sealer be applied before and after grouting. This treatment provides an excellent defense against staining and may be desirable in high traffic areas. Follow the sealing manufacturer's guidelines for recommendations on how often a sealer should be reapplied.

Standard cleaning guidelines for natural stone:
- Sweep or vacuum loose dirt and dust from the floor. For wall surfaces, tile can be gently wiped down with a clean, dry cloth or rag.
- Mop the floor with a mild detergent, degreaser, or tile cleaning solution. A sponge or clean cloth can be used to apply the cleaning agent to wall surfaces.
- Rinse the tile thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to increase the shine and to prevent water spots or streaks.

Commercial Deep Cleaning

Commercial cleaning can present its own challenges due to the high traffic nature of most applications and exposure to foreign debris that a standard residential application may not be subject to. Commercial floors must be maintained properly to ensure the longevity of an application.

Always remember:
In addition to following standard cleaning protocol for your product type, also consider the following:
- Floors need to be kept as dry as possible after cleaning to prevent slip accidents
- When mopping, the water should be changed frequently so you are not pushing around muddy water
- Scrubbing the floors too often with a buffer may cause irregular wear patterns
- Always be sure to protect furniture legs and stanchions with felt pads to protect the floors from scratching
- Chewing gum, grease and other debris difficult to remove may require use of a plastic putty knife
- Prior to removing graffiti and other difficult stains, test a small area to make sure the chemical agents will not damage the surface.
- For embedded stains, the use of a poultice mix may be required
- When electing to remove nano coatings, a nano scrub or poultice type product may be used

Standard deep cleaning guidelines:
- Sweep or vacuum loose dirt and dust from the floor. For wall surfaces, tile can be gently wiped down with a clean, dry cloth or rag.
- Mix a high concentration cleaner, degreaser, or stripper as needed based on manufacturer's guidelines for periodic deep cleaning.
- Agitate with scrub brush or floor scrub machine.
- Mop up dirty solution. A wet/dry vac may be used in large areas.
- Rinse thoroughly with clean water, changing water every 500 sq. ft. or as needed.
- Drying with a clean cloth or rag as well as a final dry vac extraction is recommended to increase the shine, prevent water spots and streaks, and to prevent slip accidents in a commercial setting.

Cleaning Grout

There are many grouts on the market today that are stain resistant and do not require a sealer. However, not all grouts will have these characteristics and special care must be taken to ensure product performance is not compromised due to exposer to harsh cleaners.

Always remember:
- Clean tile and stone regularly according to standard cleaning guidelines. Anything safe for the tile will typically be safe for your grout. PH neutral cleaners are highly recommended. Mopping dirty tiles will cause muddy water to get stuck in the grout joints, so keeping tiles cleaned regularly will improve the look of the grout.
- Be careful with acidic foods, drinks and dyes as they may stain certain types of grout.
- Never use cleaners that contain ammonia, acids, or bleach. Some stains may be set so deep in the grout that bleach may be the only thing to get your grout clean. Bleaching causes the pores of the grout to open and hold dirt even more. As such, sealing after bleaching is highly recommended.
- Prolonged use of bleach and ammonia based products may cause the grout to become brittle over time and in wet applications may result in water damage due to cracking and deterioration.
- Sealing grout prevents staining. Sealers are not chemical proof and may break down from continued exposure to harsh household chemical cleaners.
- It is suggested that a breathable penetrating sealer be applied before and after grouting. This treatment provides an excellent defense against staining, mold and mildew. Follow the sealing manufacturer's guidelines for recommendations on how often a sealer should be reapplied.
- Tend to spills quickly. Sealers do not prevent 100% of damages caused by spills.
- A medium bristle brush can be used to scrub the grout joints

Standard cleaning guidelines for grout:
- Sweep, brush, or vacuum loose dirt and dust from the surface. For wall surfaces, grout can be gently wiped down with a clean, dry cloth or rag.
- Mop, brush, or sponge the surface with a mild detergent, degreaser, or tile cleaning solution.
- Rinse the grout thoroughly with clean water to remove any left-over detergents.
- Drying with a clean cloth or rag is recommended to prevent water spots or streaks on the tile.
- Reseal grout periodically as needed.

Pre and post grout install tips:
Using a grout release or sealer prior to installation is recommended especially for product that is porous or has a textured surface. Often times grout particles may become trapped and difficult to clean during the standard grouting process and the use of a rag or sponge may not pull up all the grout haze. Using a grout release and/or sealer will help prevent this from happening. Also important to note is that grout haze left on the surface of a tile will become difficult to remove and the chemicals needed to remove it at a later time may damage the tile or alter its looks. Heavy duty grout haze removers should be used according to the grout manufacturer's recommendations before trying more concentrated acid solutions.

Warranties Information

One Year Limited Warranty and Limitations on Liability

Emser Tile® offers a limited warranty on its products to the original purchaser, for one year from the date of purchase, to be free of manufacturing defects. Emser warrants only to its immediate customers and to no other person that its products will, on the date of ship, meet the foregoing terms of Emser's bid confirmation, order acknowledgement or sales order pursuant to which such products were sold. Tile and natural stone are subject to standard variances resulting from the manufacturing process or origin. Emser Tile® does not provide warranty on products that are within the industry standard variance levels.

Defects & Claims

In the event of a defect within any product distributed to the customer by Emser Tile®, the customer agrees to notify Emser immediately upon becoming aware of such defect. If a defect in manufacturing or coloring is identified in advance of installation, the customer agrees to not install any defective product without the written agreement of Emser Tile®.

Emser Tile® reserves the right to inspect any and all defects prior to any repair, remediation or settlement of such defect. In the event that Emser Tile® is required to participate in the repair, remediation or settlement of any defect, Emser must be included in all discussions and decisions related to such repair, remediation and/or settlement. In the event that the customer fails to notify Emser on a timely basis, or fails to allow Emser the right of inspection, discussion or decision making in advance of repair, remediation or settlement of any defect, the customer agrees to release Emser Tile® from any liability for the defect or claim. Customer misuse including negligence, physical or chemical abuse is not covered by this warranty. Improper installation, installation defects or errors are not covered by this warranty. Warranty claims must be submitted in within 30 days upon discovery of the proposed defect.

Natural Stones

Emser Tile®'s website and marketing literature may not represent the true geological nature of the stones commonly referred to in the industry as marble, granite, limestone, travertine, onyx, slate, sandstone, quartzite, etc. The true geological nature of any stone may be verified by conducting a test through an independent bona fide laboratory.

Noteworthy Industry Standards

ANSI (American National Standards Institute) is the governing body in the tile industry when it comes to both the manufacturing and installation of tile. TCNA (Tile Council of North America) publishes an installation handbook that identifies proper ANSI methods of installation depending on the substrate and the actual scope of work, as well as proper ASTM (American Society for Testing & Materials) methods for product testing. NTCA (national Tile Contractors Association) also publishes annual "How To" and Troubleshooting guides for its members. These guidelines are in place to make sure that manufacturing tolerances are taken into consideration during installation. It is important to understand these standards so that expectations can be set regarding the appearance of both the tiles received and the finished work.

An inherent characteristic of all fired products is that they may bow, wedge and warp to a certain degree causing them to potentially vary in size from batch to batch. These variations in size and color are due to changes in moisture and thermal loads that alter the tiles during production. Batches of tile are identified and separated into lots by specific shade and caliber. To find how out of square, or warped the limits of a tile are, tolerances by product type can be referenced in ANSI A137 manufacturing standards. For installation guidance, the TCNA Handbook or ANSI A108 should be observed. ANSI A108 Installation Standards are written to accommodate the size variations between tiles. Large format tiles, those having an edge larger than 18", are more prone to dimensional variations due to their size. If ANSI A108 recommendations for installation are not followed, then the inherent dimensional variation of a tile may be much more noticeable. These standards are written to help ensure successful installation. Lippage will be prominent and grout joints may not line up properly if they are disregarded. Alterations to recommendations should only be made if the actual size variance between tiles and jobsite conditions allows them. Any alterations should be accompanied by a mock up and approval by the installer and end user.

*The standards listed below are current at the time this catalog was published. ANSI standards and ASTM test methods may be subject to various updates throughout the year.

ANSI A108.02 Section 4.3.8 Grout Joint Size:
To accommodate the range in facial dimensions of the tile supplied for a specific project, the actual grout joint size may, of necessity, vary from the grout joint size specified. The actual grout joint size shall be at least three times the actual variation of facial dimensions of the tile supplied. Example: for tile having a total variation of 1/16" in facial dimensions, a minimum of 3/16" grout joint shall be used. Nominal centerline of all joints shall be straight with due allowances for hand molded or rustic tiles. In no circumstance shall the grout joint be less than 1/16".

ANSI A108.02 Section 4.3.8.1 Running Bond/Brick Joint pPatterns:
For running bond/brick joint patterns utilizing tiles (square or rectangular) with any side greater than 15", the grout joint shall be, on average, a minimum of 1/8" wide for rectified tiles and, on average a minimum of 3/16" wide for calibrated (non rectified) tiles. The grout joint width shall be increased over the minimum requirement by the amount of edge warpage on the longest edge of the actual tiles being installed. For example, for a rectified tile exhibiting 1/32" edge warpage on the longest edge, the minimum grout joint for a running bond/brink joint pattern will be 1/8" + 1/32" or 5/32", on average. Of necessity, in any installation, some grout joints will be less and some more than the average minimum dimensions to accommodate the specific tiles being installed.

ANSI A108.02 Section 4.3.8.2 Running bond/brick joint offset:
For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 18" (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock up and lippage. ANSI A108.02 Section 4.3.7 Lippage guidelines, explanation, and caution: Lippage refers to differences in elevation between edges of adjacent tile modules. These differences or perception thereof are influenced by many factors such as:

1. The allowable thickness variation of the tile modules in accordance with manufacturing standards.
2. The allowable warpage of the tile or stone modules.
3. The spacing or separation of each tile module, which would influence a gradual or abrupt change in elevation.
4. Angle of natural or manufactured light accentuating otherwise acceptable variance in modules.
5. Highly reflective surfaces of tile or stone modules accentuating otherwise acceptable variance in the modules.
6. Variations in the subfloor

Tile Type	Tile Size	Joint Width	Allowable Lippage
Glazed Wall/Mosaics	1x1 to 6x6	1/16 to 1/8	1/32
Quarry	6x6 to 8x8	1/4 or greater	1/16
Paver	All	1/8 to 1/4	1/32
Paver	All	1/4 or greater	1/16

The following chart is a guideline for identifying acceptable lippage – this number must be added to the actual warpage of the tile:

Tools & Supplies

Partnering with the most valued brands and products from the industry, Emser Tile® offers tools and supplies to take care of all your Prep, Set, Grout, and Care needs. Our branches are committed to servicing your needs by opening early, having the necessary job lot quantities for any project, quick and efficient pickups, answering any technical and installation questions, as well as offering flexible delivery options to your job site.

Prep

- Waterproofing
- Crack Prevention
- Underlayment Solutions
- Backerboards
- Waterproofing Membranes
- Tools

Set

- Crack Prevention Mortar
- Large Format Tile and Stone Mortar
- Thinset Mortar
- Deck and Wall Mud

Grout

- Sanded and Non-Sanded Grout
- Grout Solutions
- Epoxy Grout
- Single Component High-Performance Grout

Care

- Sealer
- Cleaners
- Re-sealers
- Impregnators

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