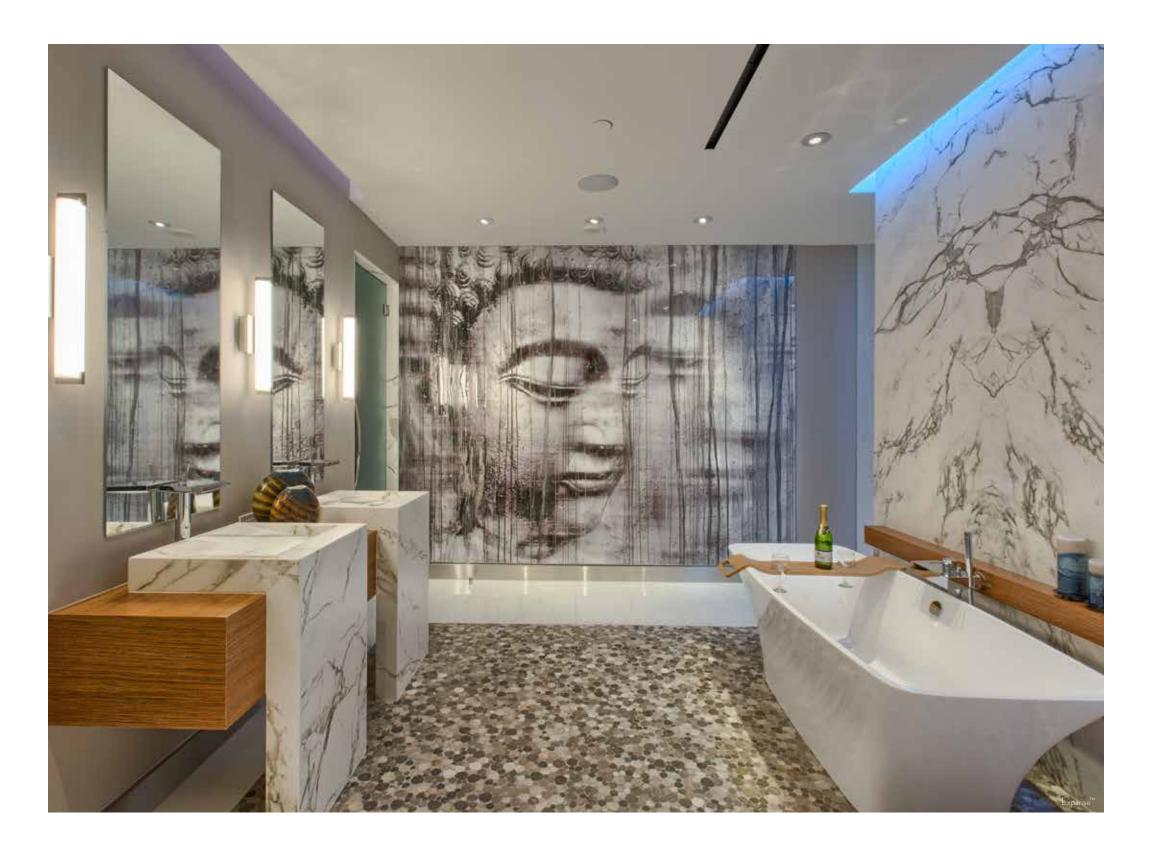


EMSER TILE™

The Emser Story 2 | Porcelain & Ceramic Floor 17

Porcelain & Ceramic Wall 179 \mid Decorative Tile & Accessories 209

Natural & Engineered Stone 259 \mid Resources 313



The Emser Story

Established in 1968 and headquartered in Los Angeles, 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 national presence with local service. This allows Emser to respond to changing trends and technology. Our dedication and commitment to customer service remain as strong as ever and are the core of our business and our culture.

Our services are tailored to customers' specialized requirements. Emser Tile™ offers exclusive programs that help retailers, homebuilders, 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, technology and innovation 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 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.

Green Friendly

At Emser Tile[™], we embrace our responsibility to protect the planet and its precious resources. We hold the same standard for our suppliers and trade partners and work alongside to ensure that they adhere to maintaining and improving their standards. As a reminder of the preciousness of the environment, Emser Tile[™]'s Green Friendly program features a systematic two-prong approach:

The first is implementing environmentally friendly practices wherever possible at Emser Tile locations throughout North America – a combined effort also shared by trade partners. The second includes a series of company-wide initiatives amongst Emser employees to include environmentally conscious practices in the workplace.

Sustainability

Manufacturing & Distribution

Emser Tile™ chooses to work with suppliers that recycle the maximum amount of material possible, such as unused powders back into 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 and further eliminating any off-gassing of our floor products through the firing stage of manufacturing. Unlike other types of flooring, the longevity of ceramic, porcelain, and natural stone prevents frequent replacement and allows for easy cleaning without the use of toxic, high VOC, or harsh chemicals. With a potential life of 100+ years, studies have also shown that over a 20-year span, ceramic, porcelain, and natural stone are more cost-effective and sustainable options. For enhanced eco-friendly attributes, all products and packaging are 100% recyclable, allowing them to be easily diverted from landfills post demolition, or when there are surplus materials from construction.

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.

Corporate Efforts

Emser Tile is committed to reducing the environmental impact of 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.

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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 identify the collections suiting your project needs.

The symbols shown below describe the usage and the main features of the products.



FLOOD



PRECISION EDGET



BODY MATCH



RESIDENTIAL



\///|



CHISELED EDGE



GOLINFAR



COMMERCIAL





CREATE PATTERNS



FREEZE RESISTANT

Go Linear

Emser Tile™ offers various cut-to-size options for all precision edge products.

Please inquire about lead times and pricing. Sizes can be specified within the limits of the dimension of the standard field tiles.





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 room. A pattern not only alters a room's appearance, but it can also impact the room's 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.

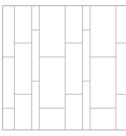
33% Offset is recommended for floor installations.

For additional pattern selections, please visit www.emser.com

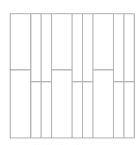
Wood Looks



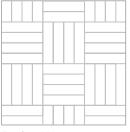
Herringbone



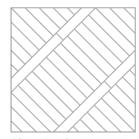
Multiple Staggered



Parallel Plank

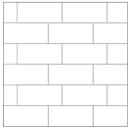


Basket Weave

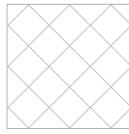


Ships Deck

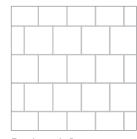
One Size



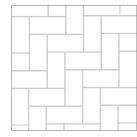
Staggered Brickwork



Diamond

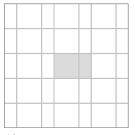


Brickwork Square

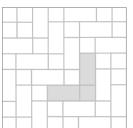


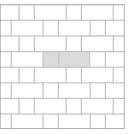
Straight Herringbone

Two Sizes

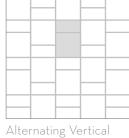


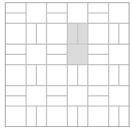
Alternating



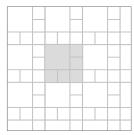


Alternating Horizontal

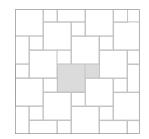




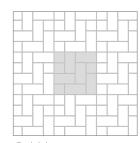
Basketweave Horizontal



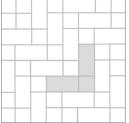
Stepping Stone



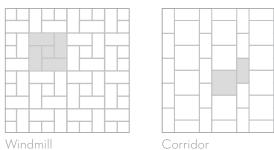
Hopscotch



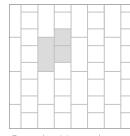
Cobblestone



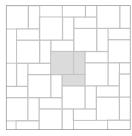
Herringbone Inserted



Corridor

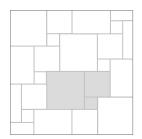


Corridor Vertical

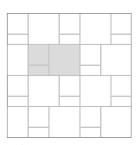


Brickweave

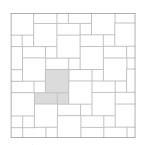
Three Sizes



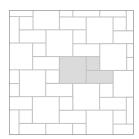
Triad Hopscotch



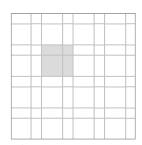
Pediment



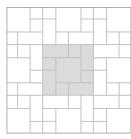
Braid



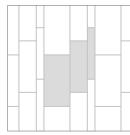
Catena



Palazzo

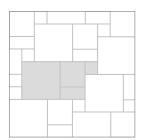


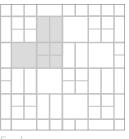
Soldiered

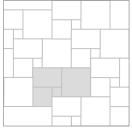


Staggered Vertical Brickwork

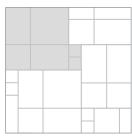
Multiple Sizes





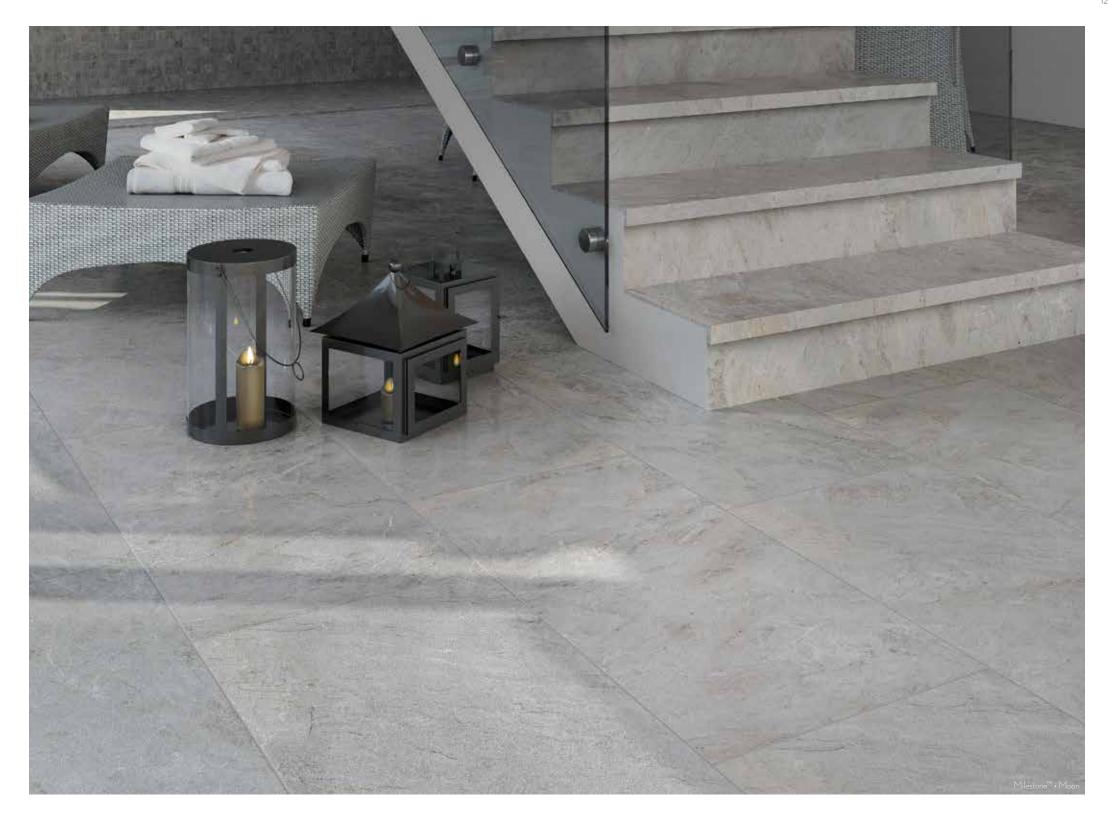


Modular Pinwheel



Kaleidoscope







FIELD	COLLECTION	FLOOR	WALL	MOSAIC	FLOOR SBN	COVE BASE	GO LINEAR	PAGE
18"x35" 12"x24"	ACCESS	•	۰	۰	۰		۰	15
11"x23"	ACTION	•	•		۰		۰	17
24"x24" 12"x24"	ALCHEMY	•	0	•			۰	19
6"x36"	ALPINE		۰				•	21
12"x24"	AMBIANCE	0	0	0	0	0	0	23
9"x47"	ANGELES	•	۰					25
11"x23"	ARCHIVE	•	۰	۰	۰			27
18"x18" 13"x13" 12"x24" 6"x6"	BAJA	•	•	•	•	•		29
6"x35"	BARN	0	0					31
18"x35" 12"x24"	BLUE EMOTION	•	0				۰	33
20"x20" 13"x13" 12"x24"	BOMBAY	0	٠	٠	•	٠	٠	35
35"x35" 18"x35" 12"x23"	BORIGNI	۰	۰				۰	37
18"x18" 12"x24"	BOULEVARD	۰	۰	•				39
18"x18" 13"x13" 12"x24"	BRISTOL	•	۰	٠	۰			41
12"x23"	BROADWAY	0	0		•		۰	43
17"x17" 13"x13" 12"x24"	CABO	0	٠	٠	۰			45
17"x17" 13"x13" 12"x24"	CANCUN	•	۰	۰	0			47
24"x24" 12"x24" 12"x12"	CANVAS	•	۰	۰	0		۰	49
12"x24"	CHEMISTRY	•	•	•			•	51
20"x20" 13"x13" 12"x24"	CHIADO	•	۰	•	0		•	53
17"x35" 12"x24" 6"x35"	CHRONICLE	•	۰	•	0			55
24"x35" 24"x24" 12"x24"	CITADEL	•	۰	٠	۰	•	٠	57
12"x24"	CIUDAD	0	0	•	۰			59
13"x13" 12"x24"	COSMOPOLITAN	0	٠	•	0	۰		61

FIELD	COLLECTION	FLOOR	WALL	MOSAIC	FLOOR SBN	COVE BASE	GO LINEAR	PAGE	FIELD	COLLECTION	FLOOR	WALL	MOSAIC	FLOOR SBN	COVE BASE	GO LINEAR	PAGE
5"x24"	COUNTRY	•	0		0		0	63	12"x24"	MOTION	۰	•	•	•	•		113
32"x32"	CRYSTAL	•	0				•	65	16"x16"	NEWBERRY	۰	•		•			11!
16"x32"									10"x11"								
24"x24" 12"x24"	DIRECTION	•	0	•	۰	•	0	67	8"x16" 8"x8"								
5"x35"	DOWNTOWN		0				0	69	4"x8"								
23"x47"	DUNHAM		0				0	71	2"x11"								
12"x23"									18"x18"	ORIGIN	۰	•					11
24"x24"	DUOMO	•	0	0	0		0	73	13"x13"								
3"x13"									24"x24"	PALADINO	0	0	0	0		0	11
2"x24"									12"x24"								
7"x35"	ESPLANADE	•	0		0			75	12"x12"								
2"x24"									4"x12"								
8"x18"	EURASIA		0	0	0	0		77	3"x6"								
7"x35"									32"x32"	PARK AVENUE		0	•	•		0	12
13"x13"									16"x32"								
2"x24"									16"x16"								
2"x23"	EUROPA	•	0		•		•	79	8"x32"								
9"x118"	EXPANSE	•	•				•	81	20"X20"	PARQUET	۰	•					12
8"x18"	EXPLORER	•	•	•	0		0	85	24"x47"	PENINSULA		0				•	12
3"x13"									16"x32"								
2"x24"									8"x32"								
5"x35"									18"x18"	PERGAMO	۰	•	۰	•			12
6"x32"	FORMWORK	•	•		0			87	13"x13"								
2"x24"									12"x24"								
20"x20"	GATEWAY	•	0					89	12"x24"	PERSPECTIVE/	۰	•	۰	۰	•	•	12
3"x13"									6"x24"	PERSPECTIVE							
2"x24"									6"x6"	PURE							
5"x24"	GROVE	•	•				•	91	24"x24"	PIETRE DEL NORD	۰	0		•	0	•	13
1"x31"	HANGAR	•	•				•	93	12"x24"								
!4"x47"									12"x12"	201145							4.0
2"x23"	LIEDITAGE							0.5	12"x24"	PRIME	•	•				•	13
5"x24"	HERITAGE HOMESTEAD	•	0	ļ.,			•	95	12"x12"	DANGII							1.3
8"x18"	HOMESTEAD	•	•	•	•	•		97	24"x35"	RANCH							13
3"x13"									12"x24"								
2"x24"	LATITUDE	-	_					00	8"x35"	REALM	_		_	_			17
2"x24"	LUCERNE	•	•					99	20"x20"	NEALIVI	۰	•		•		•	13
10"x20"	LUCENINE							101	13"x13"								
3"x13"									12"x24"	RECLAIM		•					14
2"x24" '"x7"									8"x71" 18"x18"	SANDSTORM SANDSTORM							14
	MADERA							103		SANDSTURIN							14
2"x24" 5"x35"	IVIADENA							103	13"x13" 12"x24"								
8"x18"	MELBOURNE							105	12 x24 12"x24"	SPECULAR							14
3"x13"	WILLDOURINE							103	12 x24 18"x18"	ST. MORITZ II		•			-		14
2"x24"										SI. WORLL							14
2 x24 3"x12"	METAPHOR							107	12"x24" 12"x12"								
4"x47"	MILESTONE						0	107	12 X12	STADIUM							14
24 x47 2"x24"	WILLSTOINE							103	18 X18	SIMUIVI							14
5"x35"	MODENA						0	111	13 X13								
CCX	IVIODENA	-					"		12 X24								

FIELD	COLLECTION	FLOOR	WALL	MOSAIC	FLOOR SBN	COVE BASE	GO LINEAR	PAGE
12"x24"	MOTION	•	•	۰	۰	۰		113
16"x16"	NEWBERRY	0	0		۰			115
10"x11"								
8"x16"								
8"x8"								
4"x8"								
2"x11"								
18"x18"	ORIGIN	0	•	۰	۰			117
13"x13"	DALLADINIO.							440
24"x24"	PALADINO	•	•		•		•	119
12"x24"								
12"x12"								
4"x12"								
3"x6"	DADI/ AVENUE							4 2 4
32"x32"	PARK AVENUE	•						121
16"x32"								
16"x16"								
8"x32"	DAROLIET							123
20"X20"	PARQUET PENINSULA							125
24"x47" 16"x32"	FEMINSULA							123
8"x32"								
18"x18"	PERGAMO							127
13"x13"	LINGAINIO							12/
12"x24"								
12"x24"	PERSPECTIVE/							129
6"x24"	PERSPECTIVE							123
6"x6"	PURE							
24"x24"	PIETRE DEL NORD							133
12"x24"								
12"x12"								
12"x24"	PRIME	0	0				0	135
12"x12"								
24"x35"	RANCH	0	0				0	137
12"x24"								
8"x35"								
20"x20"	REALM	0					0	139
13"x13"								
12"x24"								
8"x71"	RECLAIM	0	0				0	141
18"x18"	SANDSTORM	•			•			143
13"x13"								
12"x24"								
12"x24"	SPECULAR	0	•		•	•	0	145
18"x18"	ST. MORITZ II	۰	۰	۰	•		•	147
12"x24"								
12"x12"								
18"x18"	STADIUM	۰	•	۰	•			149
13"x13"								
12"x24"								

FIELD	COLLECTION	FLOOR	WALL	MOSAIC	FLOOR SBN	COVE BASE	GO LINEAR	PAGE
12"x24"	STRANDS	•	۰	0	•	۰	۰	151
24"x47" 24"x24" 12"x24" 12"x12" 6"x24"	STYLE	•	•	•	•	•	۰	153
18"x36" 12"x24"	TERRANE	•	•					155
8"x45"	THEORY	•						157
12"x24"	THREAD	0	•	0	0		•	159
24"x24" 12"x24" 12"x12"	TIMES SQUARE	•	0	0			۰	161
17"x17" 13"x13" 12"x24" 7"x7"	TOLEDO	•	•	•		0		163
20"x20" 13"x13" 12"x24"	TROVATA	•	•	٠	۰			165
24"x47" 12"x24"	UPTOWN	•	۰				۰	167
17"x35"	VELOCITY	0	۰					169
18"x18"	VICE & VIRTUE	•						171
18"x18" 13"x13" 12"x24"	VIENNA	•	۰	۰	0			173
6"x39" 6"x24"	WOODWORK	۰	۰		۰		٠	175
8"x35"	ZEPHYR	•	۰				۰	177





















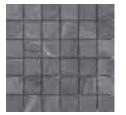


All Colors Available in Sizes 18"x35", 12"x24"







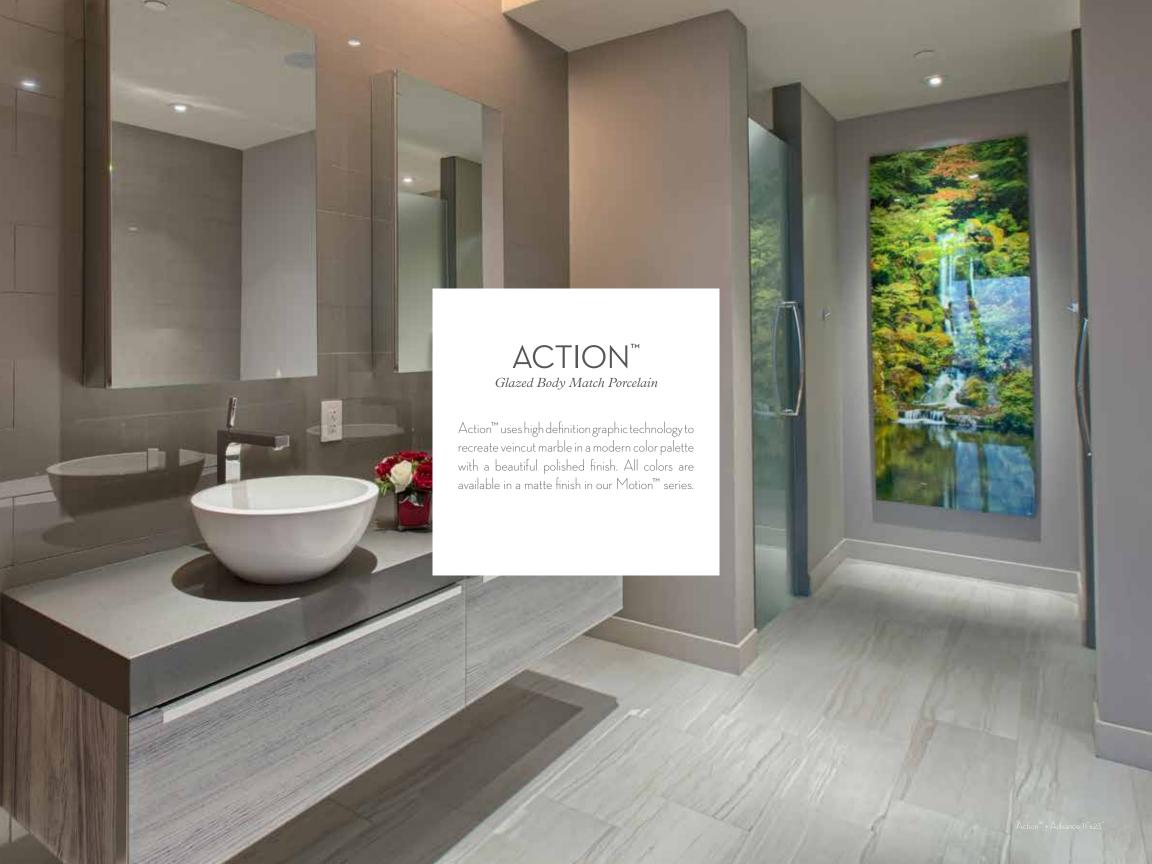


Path 2"x2" on 12"x12" Mesh

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 co	ould vary based on size. Larger format tiles wi	ill have a higher thickness.	Technic	ical Specificatio	ns						
			Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
18"x35" 17.72"×35.43"	12"x24" 12"x12" Mesh	3"x12" Floor SBN	Results	ts V	≥ 400 lbf	Resistant	≤.5%	> .50	Resistant	7	V3













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.	Technica	l Specification	s						
	Test Method		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1		Scratch Hardness MOHS	Shade Variation Rating
11"x23" 3"x23" 11.42"x23.23" Floor SBN	Results	V	> 500 lbf	Resistant	≤.5%	< .42	Resistant	7	V4

















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



Copper Linear on 12"x19" Mesh

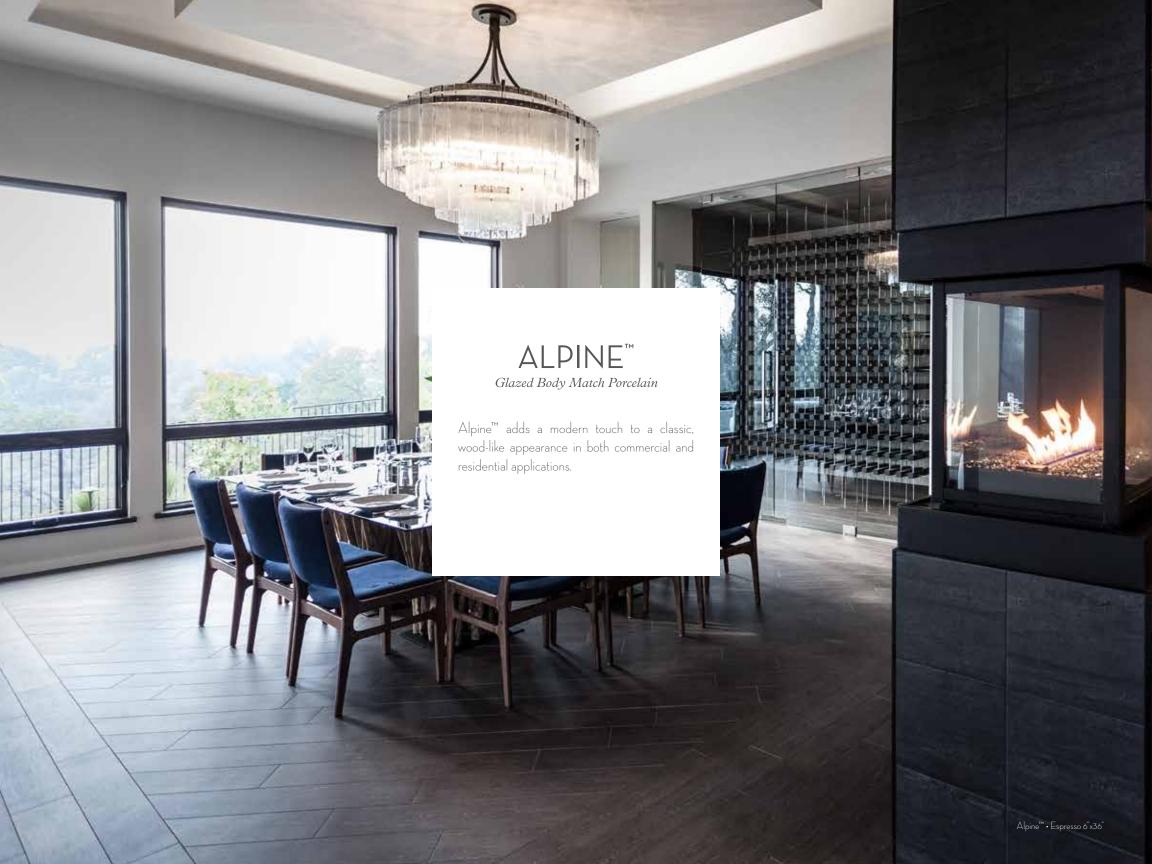


Silver Linear on 12"x19" Mesh



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

Sizes & Trim Tile	le thickness could vary l	based on size. Larger fo	ormat tiles will have a higher	er thickness.		Technical	Specification	ıs						
						Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
						Results	IV	≥ 500 lbf	Resistant	≤.5%	< .42	Resistant	6	V3
24"x24" 23.60"x23.60"	12"x24" 11.70"x23.60"	12"x19" Mesh 12.41"x18.98"	12"x12" Mesh 11.81"x11.81"											

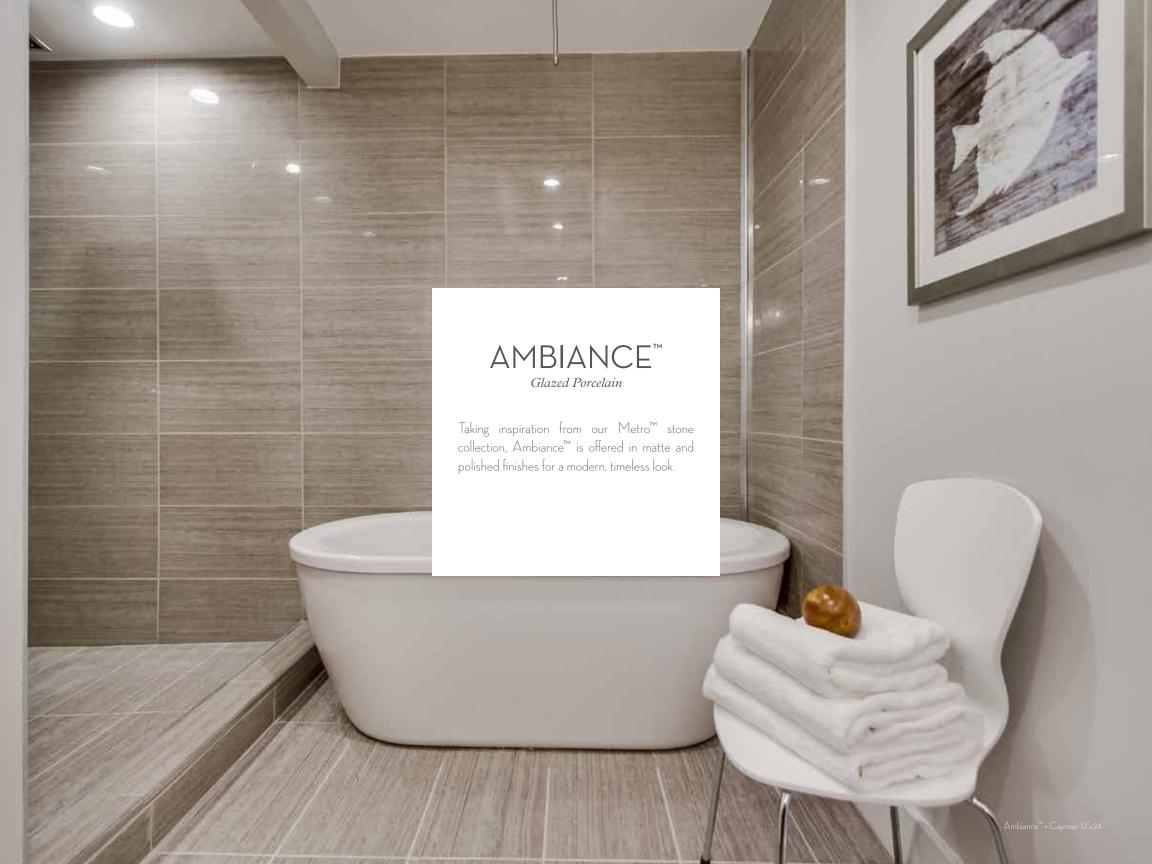






All Colors Available in Size 6"x36"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
6"x36" 591°x35.43°	Results	IV	≥ 700 lbf	Resistant	≤.5%	> .70	Resistant	7	V2























All Colors Available in Size 12"x24" All Colors Available in Matte and Polished Finish





Coast Blend on 10"x12" Mesh

Shore Blend 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.	Technical	Technical Specifications											
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Absorption	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
12"x24" 10"x12" Mesh 3"x12" 6"x12" 1"x6" 11.73"x23.62" 9.84"x11.73 Floor SBN Cove Base Corner Out	Results	IV	≥ 600 lbf	Resistant		Matte ≥ .70 Polish < .42		7	V2				









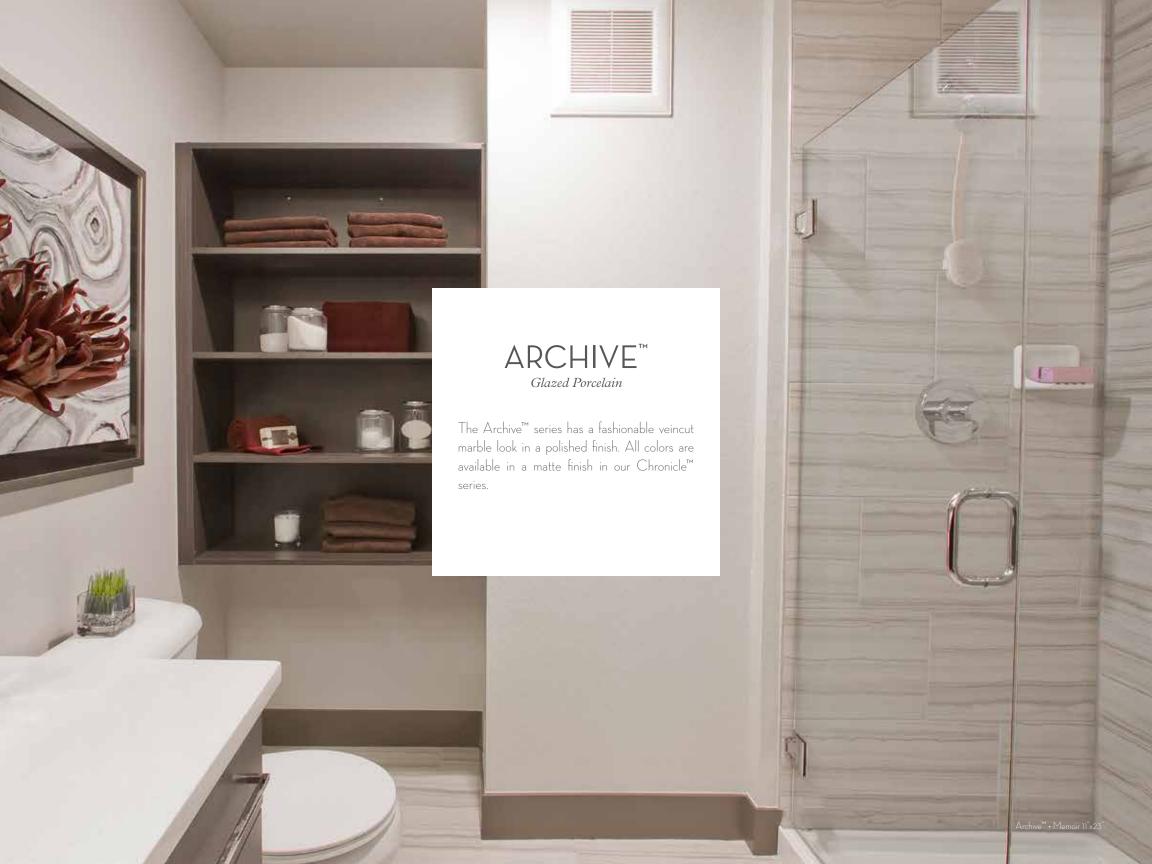






All Colors Available in Size 9"x47"

& Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Technical Specifications												
	Test Method	Abrasion Resistance C1027	Strength	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating					
	Results	III	≥ 300 lbf	Resistant	≤.5%	<u>></u> .60	Resistant	7	V2					
9"×47" 9.17"×47.24"														























All Colors Available in Size 11"x23"









Era 2"x2" on 12"x12" Mesh

Memoir 2"x2" on 12"x12" Mesh

Script 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.				Technical Specifications												
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating							
11"x23" 12"x12" Mesh 3"x23" 11.42"x23.23" 12"x12" Floor SBN	Results	III	≥ 350 lbf	Resistant	≤.5%	≥.50	Resistant	9	V2							

BAJA[™] Glazed Ceramic

Baja[™] brings to life the simple elegance of natural limestone with an appealing color palette and chic mosaics.

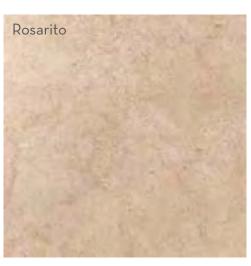








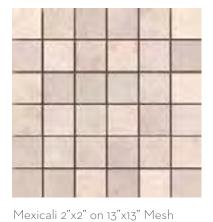


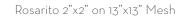






All Colors Available in Sizes 18"x18", 13"x13", 12"x24", 6"x6"









Sonora 2"x2" on 13"x13" Mesh



Tecate 2"x2" on 13"x13" Mesh



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.						Technical Specifications												
			_			6"x6" Wall DBN	1"x6" Quarter Round	2"x6" V Cap	2"x6" Mud Cap	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 17.72"×17.72"	13"×13" 12.99"×12.99"	12"x24" 12.01"x23.82"	6"x6" 6.22"x6.22"	13"x13" Mesh 12.99"x12.99"	3"x13" Floor SBN	6"x6" Wall SBN	↑ 1″x1″ Beak	2"x2" V Cap Corner	2"x2" Mud Cap Corner	Results	IV	≥ 250 lbf	Non- Resistant	<u><</u> 7%	≥.42	Non- Resistant	7	V2



















All Colors Available in Size 6"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	r thickness. 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	≥ 650 lbf	Resistant	≤.5%	≥.55	Resistant	9	V3	
6"x35" 591°x35.43"										













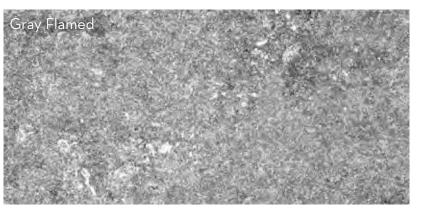


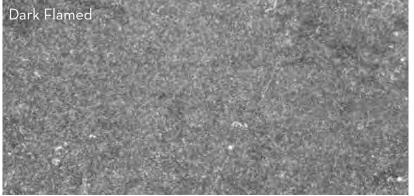






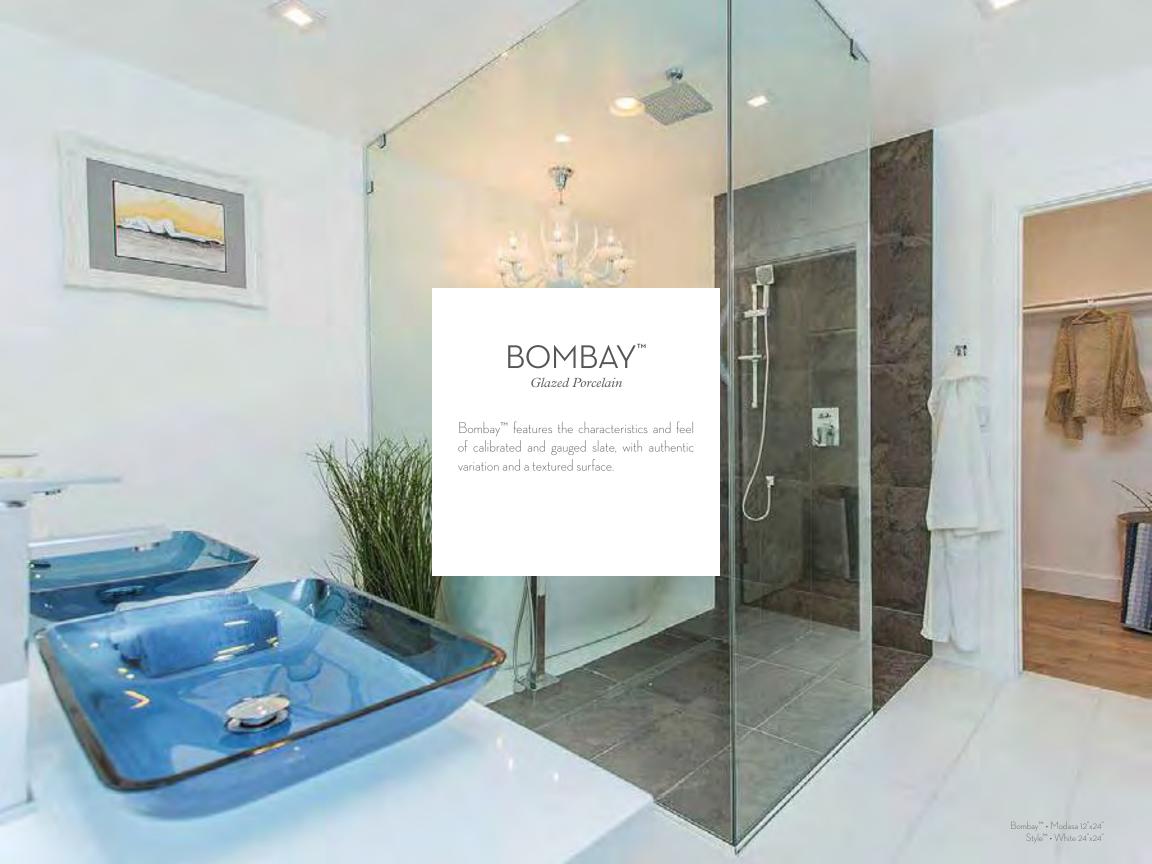
All Colors Available in Sizes 18"x35", 12"x24"





All Flamed Colors Available in Size 12"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				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						
18"x35" 12"x24" 1772'x35.43" 11.81'x23.62"	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	≥.42	Resistant	Check Website	V3						







All Colors Available in Sizes 20"x20", 13"x13", 12"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	l Specification	ns						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
20"x20" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 6"x13" 1"x6" 19,70'x19,70" 12,90'x12,90" 11,70'x23,50" 12,99'x12,99' Floor SBN Cove Base Corner Out	Results	III	≥ 350 lbf	Resistant	≤.5%	≥.50	Resistant	7	V3













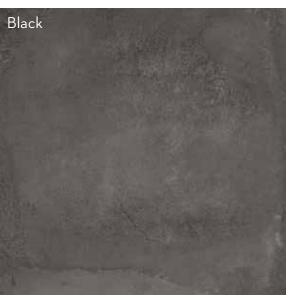










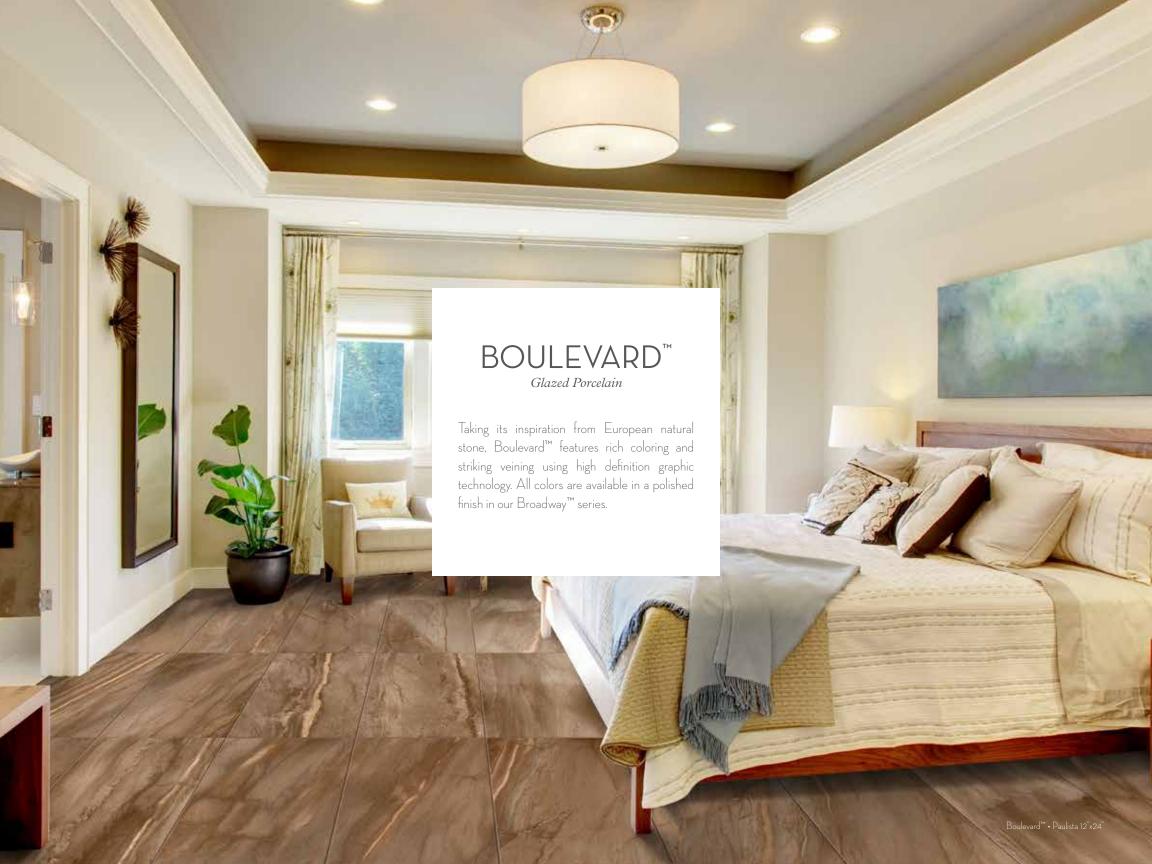


Diagonal Pattern

Available in Size 18"x35" Diagonal Pattern Available in All Colors

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

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	al Specification	s						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
35"x35" 18"x35" 12"x23" 35.18"x35.18" 17.54"x35.15" 11.67"x23.43"	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	Check Website	Resistant	Check Website	V2





















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





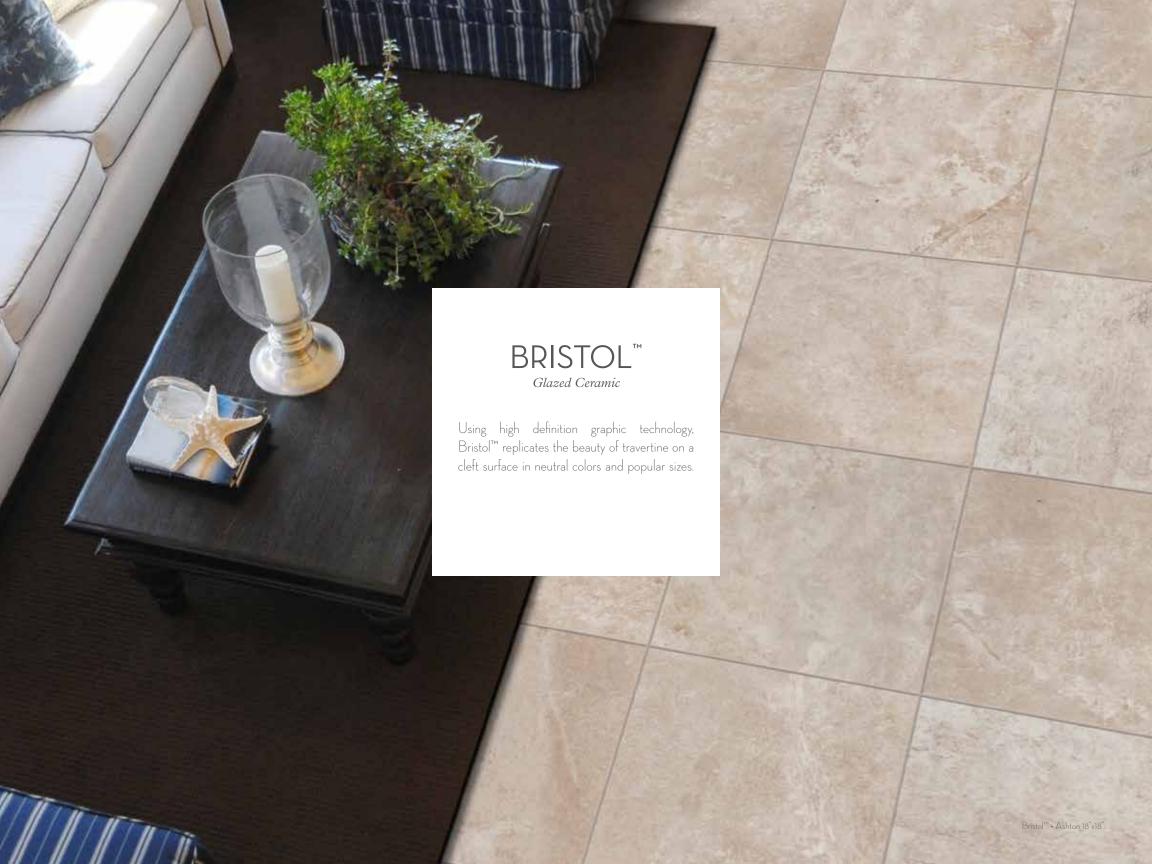




Andrassy 2"x2" on 13"x13" Mesh Gracia 2"x2" on 13"x13" Mesh

Paulista 2"x2" on 13"x13" Mesh Reforma 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ıs						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 12"x24" 13"x13" Mesh 1772"x177" 11.81"x23.62" 13.07"x13.07"	Results	IV	≥ 400 lbf	Resistant	≤.5%	≥.42	Resistant	7	V3

















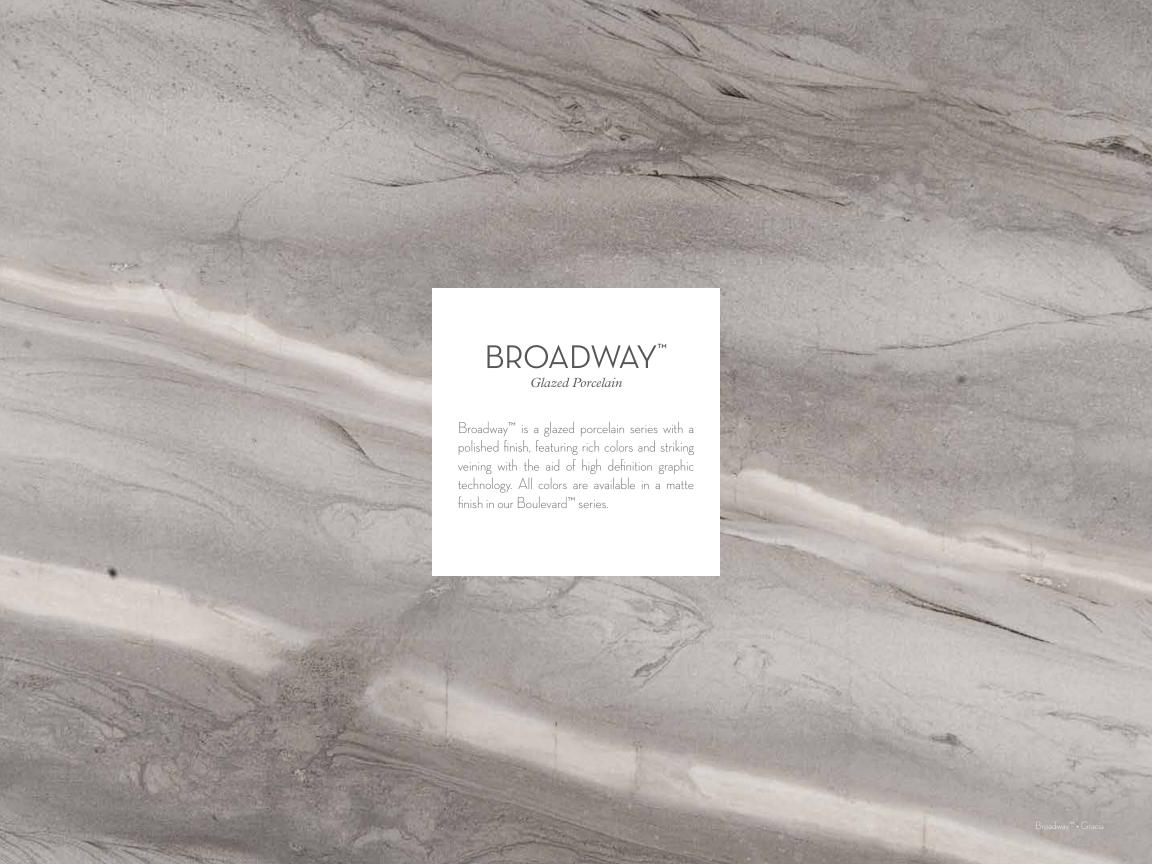


All Colors Available in Sizes 18"x18", 13"x13", 12"x24"



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

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ns						
	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" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 17,72"x17,72" 12,99"x12,99" 12,01"x23,82" 12,99"x12,99" Floor SBN	Results	IV	≥ 250 lbf	Resistant	<u><</u> 5%	≥.65	Non- Resistant	7	V3

















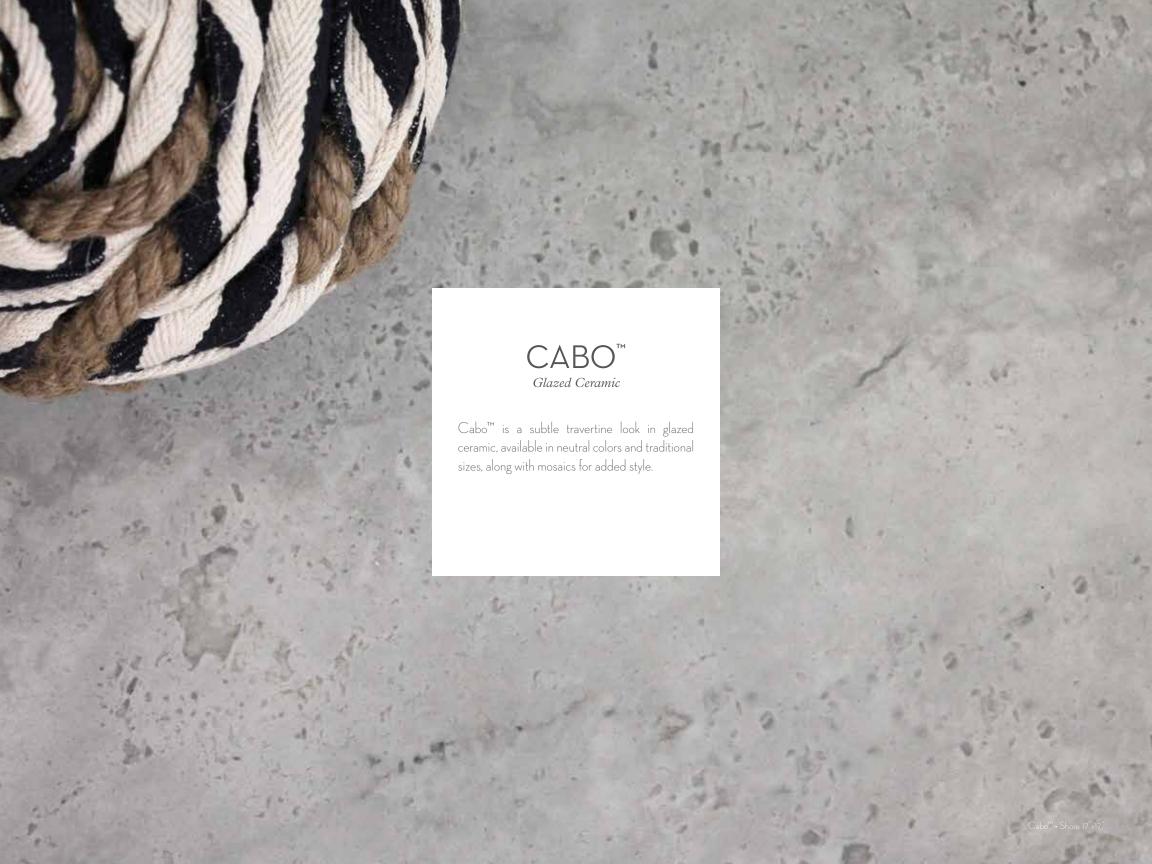




All Colors Available in Size 12"x23"

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

zes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Specification	s						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
12"x23" 3"x13" 1.42"x23.23" Floor SBN	Results	IV	≥ 550 lbf	Resistant	≤.5%	< .42	Resistant	7	V3



















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



Beach 2"x2" on 13"x13" Mesh



Coast 2"x2" on 13"x13" Mesh



Shore 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ns						
I I I I I I I I I I I I I I I I I I I	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
17"x17" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 1732"x1732" 15"x13" 11.81"x25.62" 15"x13" Floor SBN	Results	IV	≥ 450 lbf	Npn- Resistant	<u><</u> 7%	≥.42	Non- Resistant	7	V2















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







Marina 2"x2" on 13"x13" Mesh



Playa 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ıs						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
17"x17" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 17.32"x17.32" 15"x15" 11.81"x25.62" 15"x15" Floor SBN	Results	IV	≥ 450 lbf	Non- Resistant	≤7%	≥.42	Non- Resistant	7	V2



















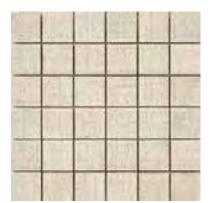








All Colors Available in Sizes 24"x24", 12"x24", 12"x12"











Angora 2"x2" on 12"x12" Mesh

Khaki 2"x2" on 12"x12" Mesh

Linen 2"x2" on 12"x12" Mesh

Tweed 2"x2" on 12"x12" Mesh

Denim 2"x2" on 12"x12" Mesh

Sizes & Trim Tile	e thickness could vary	based on size. La	arger format tiles will ha	ve a higher thickness.			Technical	Specification	ıs						
							Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
							Results	III	≥ 400 lbf	Resistant	≤.5%	< .42	Resistant	7	V2
24"x24" 23.62"x23.62"	12"×24" 11.69"×23.62"	12"×12" 11.69"×11.69"	12"x12" Mesh 11.81"x11.81"	3"x12" Floor SBN											





















All Colors Available in Size 12"x24"









White 2"x2" on 12"x12" Mesh

Brown 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.	Technical	Specification	ns						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 12"x12" Mesh 3"x12" 181'x23.62" 11.81'x1.81' Floor SBN	Results	IV	≥ 500 lbf	Resistant	≤.5%	≤.42	Resistant	7	V3

$\mathsf{CHIADO}^{\scriptscriptstyle\mathsf{TM}}$

Glazed Porcelain

The remarkable graphic design of the Chiado™ series replicates the look of concrete with intriguing coloring in three sizes.









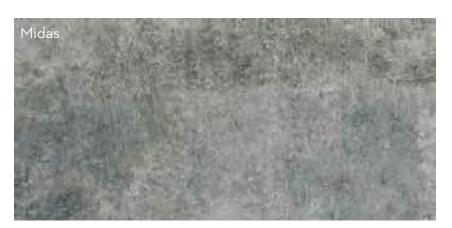








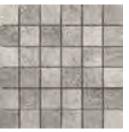


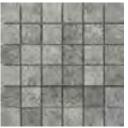


All Colors Available in Sizes 20"x20", 13"x13", 12"x24"









Atolia 2"x2" on 13"x13" Mesh

Carson 2"x2" on 13"x13" Mesh

Jerome 2"x2" on 13"x13" Mesh

Midas 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	าร						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
20"x20" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 19.66"x19.66" 12.90"x12.90" 11.81"x23.62" 12.90"x12.90" Floor SBN	Results	III	≥ 350 lbf	Resistant	≤.5%	≥.50	Resistant	6	V3























All Colors Available in Sizes 17"x35", 12"x24", 6"x35"









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 co	ould vary based on size. Larger f	ormat tiles will have a higher	thickness.		Technica	al Specification	ıs						
					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	≥ 850 lbf	Resistant	≤.5%	<u>></u> .60	Resistant	7	V2
17"×35" 17.40"×35.04"	12"x24" 11.81"x23.62"	6"×35" 5.91"×35.43"	12"x12" Mesh 11.69"x11.69"	3"x24" Floor SBN									

$\mathsf{CITADEL}^{^{\mathsf{TM}}}$ Glazed Body Match Porcelain Citadel™ has subtle veining and a minimalistic stone look. Offered in a broad range of sizes and colors, Citadel™ is versatile and timeless.













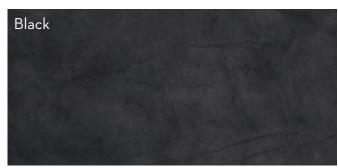












All Colors Available in Sizes 24"x35", 24"x24", 12"x24"



Ivory on 12"x20" Mesh



Beige on 12"x20" Mesh



Gray on 12"x20" Mesh



Olive on 12"x20" Mesh



Brown on 12"x20" Mesh



Black on 12"x20" Mesh

Sizes & Trim Tile thickne	ess could vary based o	n size. Larger forma	at tiles will have a higher thic	ckness.			Technical	Specification	s						
						0	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373		Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
							Results	IV	≥ 550 lbf	Resistant	≤.5%	≥.50	Resistant	5	V2
24"×35" 23.62"×35.43"	24"x24" 23.62"x23.62"	12"×24" 11.81"×23.62"	12"x20" Mesh 11.50"x20.20"	3"x12" Floor SBN	6"x12" Cove Base	1"x6" Cove Base Corner Out									





















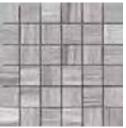


All Colors Available in Sizes 12"x24"







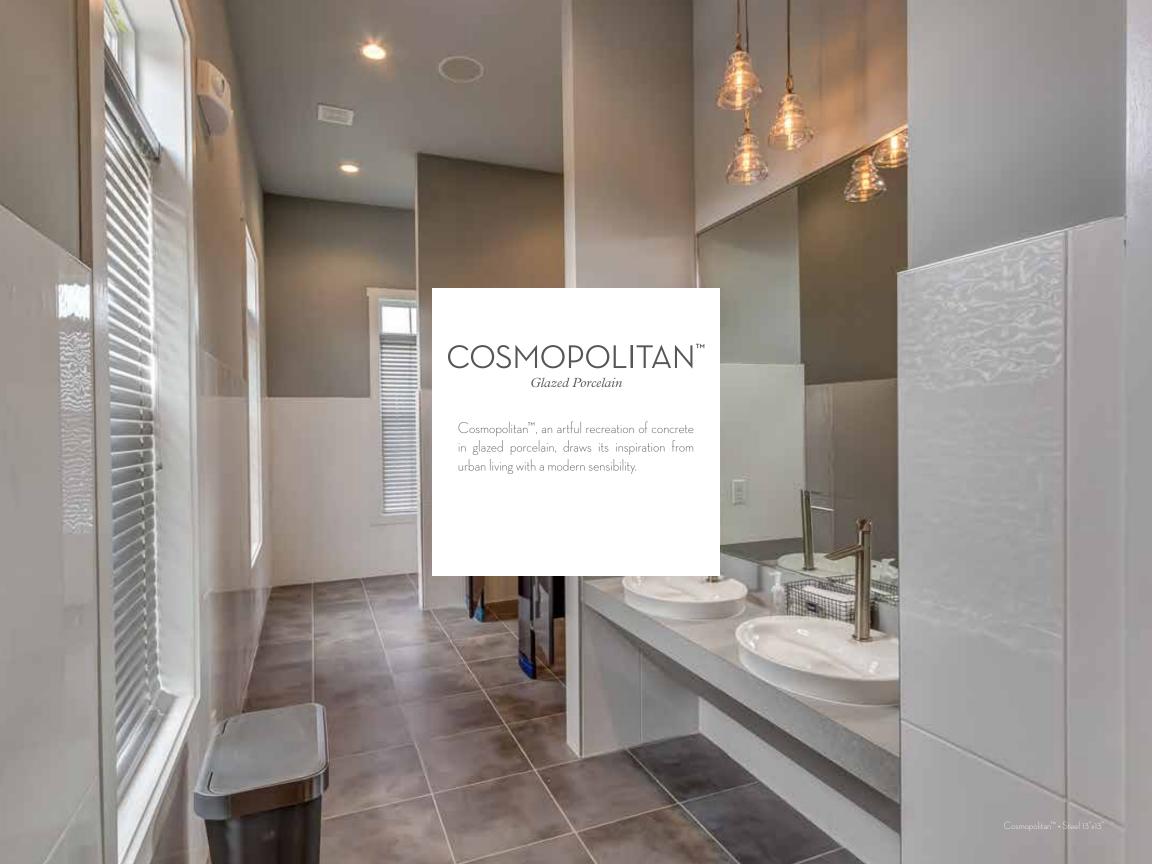


Cream 2"x2" on 12"x12" Mesh

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.			Technical Specifications											
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating					
12"x24" 12"x12" Mesh 3"x12" 11.81"x23.62" 11.82"x11.82" Floor SBN	Results	III	≥ 450 lbf	Non- Resistant	≤ 7%	≥.42	Non- Resistant	7	V2 Medium					



























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











Crystal 2"x2" on 13"x13" Mesh

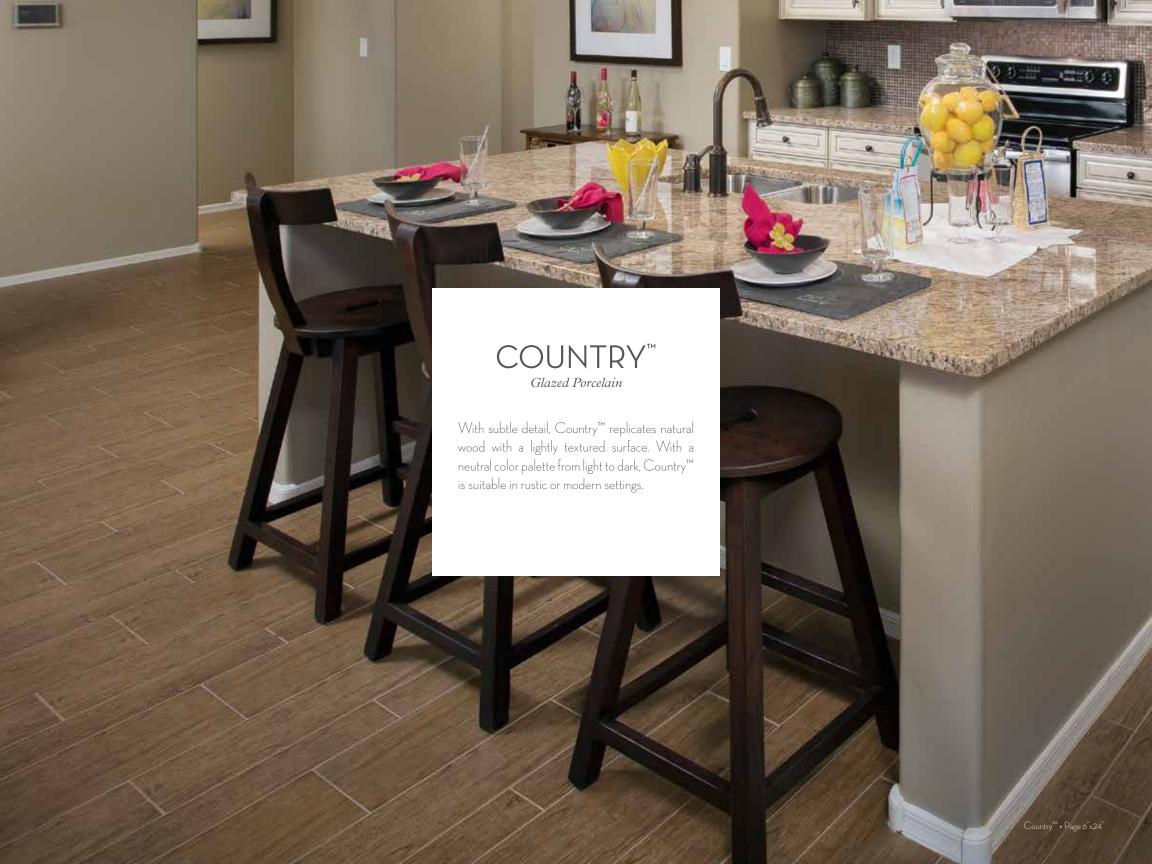
Steel 2"x2" on 13"x13" Mesh

Earth 2"x2" on 13"x13" Mesh

Timber 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.		Technical Specifications											
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650		ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
	Results	IV	≥ 250 lbf	Resistant	≤.5%	<u>></u> .42	Resistant	7	V2				
13"x13" 12"x24" 13"x13" Mesh 3"x13" 6"x13" 1"x6" 13"x13" 11.81"x23.62" 13"x13" Floor SBN Cove Base Cove Base Corner Out													









All Colors Available in Size 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technica	Technical Specifications											
		Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
6"x24" 590`x23.60°	3"x24" Floor SBN	Results	III	≥ 500 lbf	Resistant	≤.5%	≥.60	Resistant	7	V2				

















Available in Sizes 32"x32", 16"x32"

Engineered quartz has an extremely high breaking strength, low water absorption rating and beautiful consistent surface finish due to its high-tech manufacturing process. However, all crystallized products may be prone to light scratching which is inadvertently enhanced by the high reflectivity of the surface finish. This characteristic is not a latent defect of the tile and will vary based on actual traffic patterns and usage.

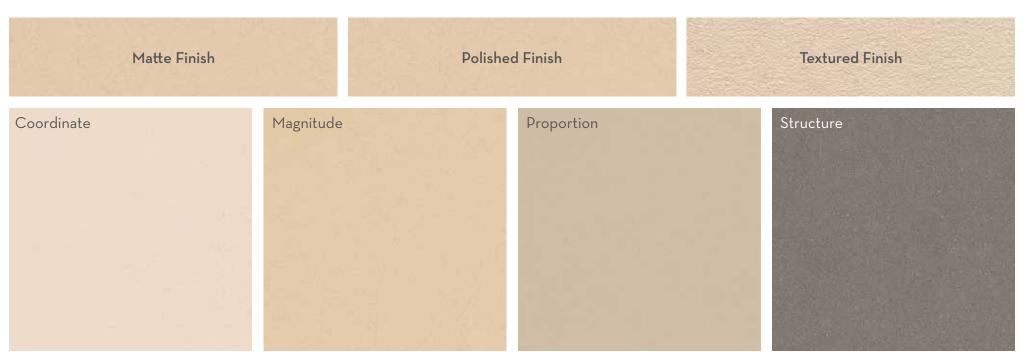
The beauty of high gloss or polished products may be susceptible to scratching that is more visible on the surface of the tile.

zes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications											
	Test Method		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1		Scratch Hardness MOHS	Shade Variation Rating			
' 16"x32" o' 15.63"x31.50"	Results	1	≥ 2000 lbf	Resistant	≤.5%	< .42	Resistant	6	V1			









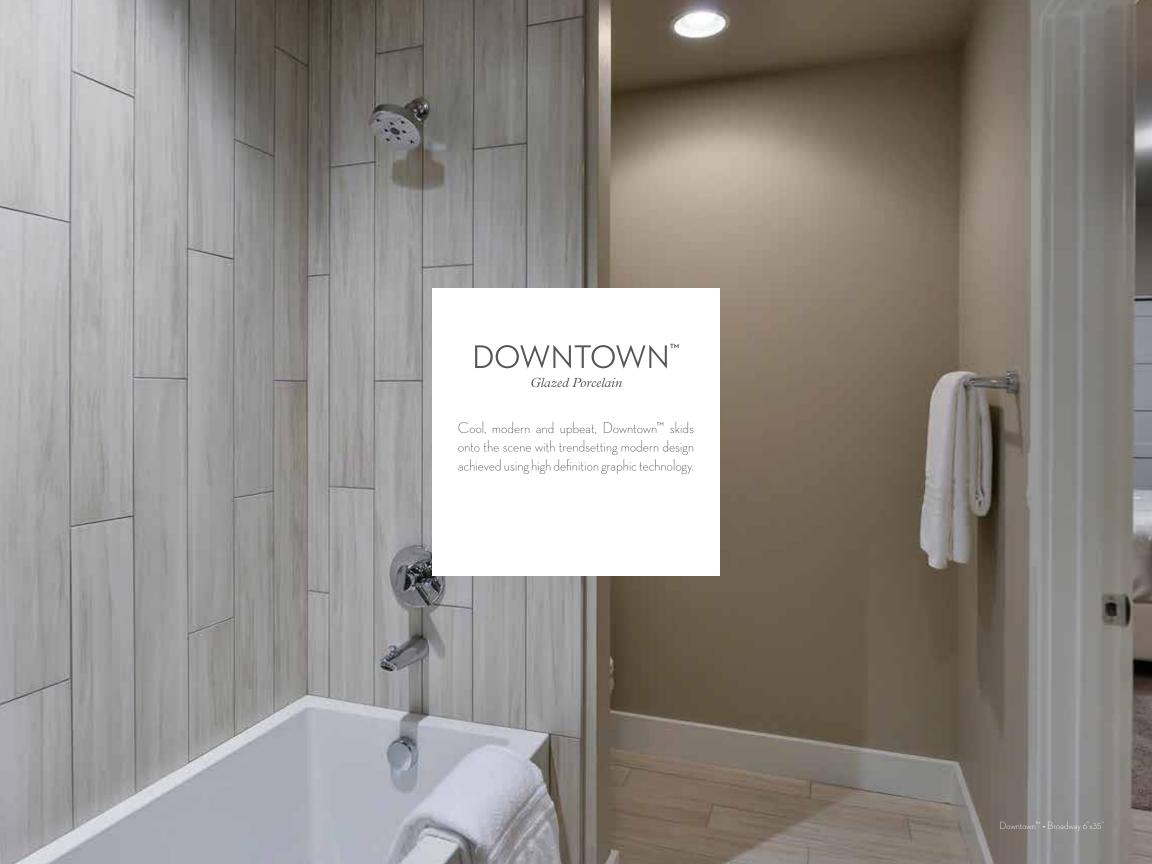
All Colors in Matte, Polished and Textured Finish Available in Size 12"x24" All Colors in Matte and Polished Finish Also Available in Size 24"x24"

Mosaics (Matte/Polished/Textured Mix)



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.			Technical Specifications										
	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				
24"x24" 12"x24" 12"x12" Mesh 3"x12" 6"x12" 1"x6" 1"x6" 23.62"x23.62" 11.73"x23.62" 11.73"x13.73' Floor SBN Cove Base Corner Out	Results	1	≥ 650 lbf	Resistant	≤.5%	M≥.42 P <.42 T ≥.42	Resistant	7	V2				

























All Colors Available in Size 6"x35"

n Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Technical Specifications											
	Test Method		Strength	Chemical Resistance C650		DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
	Results	III	≥ 850 lbf	Resistant	≤.5%	≥.50	Resistant	7	V2				
" 24 ["]													







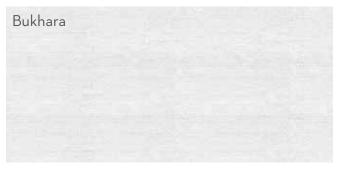














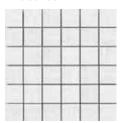


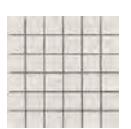






All Colors Available in Sizes 23"x47", 12"x23"

















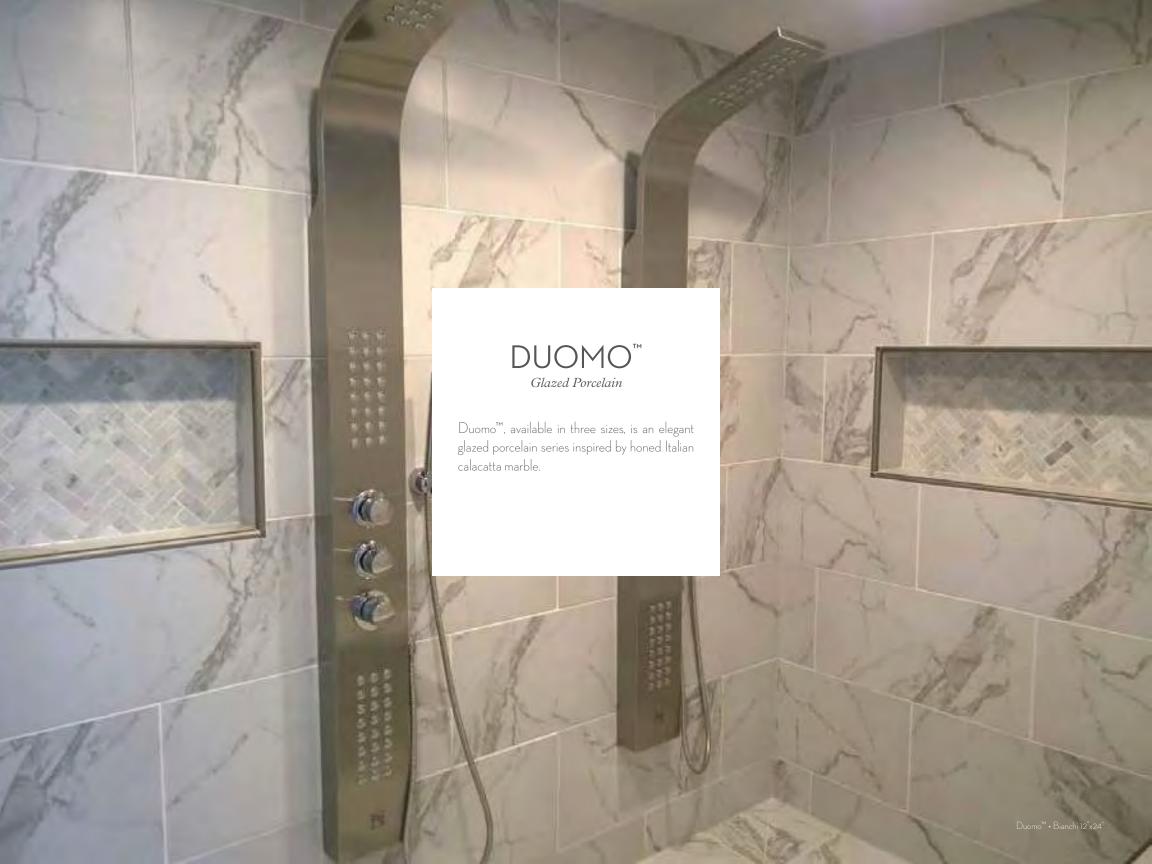


Shiraz 2"x2" on 12"x12" Mesh Taj 2"x2" on 12"x12" Mesh

Zulu 2"x2" on 12"x12" Mesh

Available in Size 12"x23"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ıs						
	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	V	≥ 500 lbf	Resistant	≤.5%	≥.42	Resistant	9	V2
23"x47" 12"x23" 12"x12" Mesh 3"x12" 23:43"x46:93" 11:60"x23:43" 12"x12" Floor SBN									







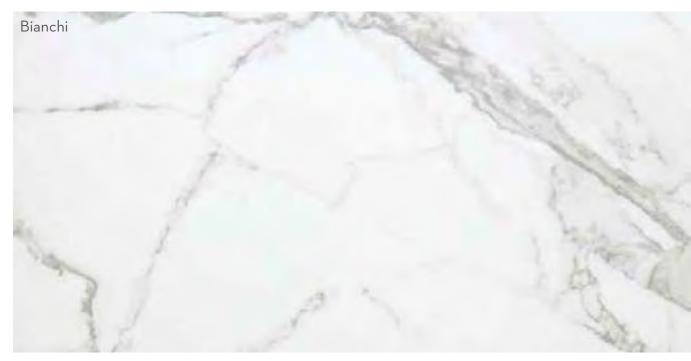




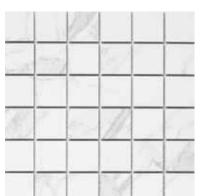








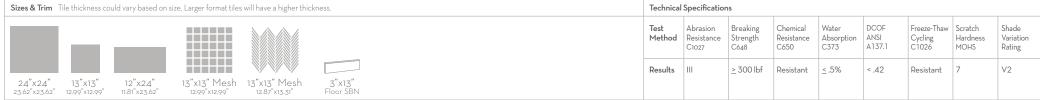
Available in Sizes 24"x24", 13"x13", 12"x24"



2"x2" Mosaic on 13"x13" Mesh



Chevron Mosaic on 13"x13" Mesh























All Colors Available in Sizes 17"x35", 12"x24"



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 co	ould vary based on size. Lar	rger format tiles will have a	higher thickness.	Technical Specifications								
				Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
				Results	IV	≥ 700 lbf	Resistant	≤.5%	≥.60	Resistant	7	V2
17"×35" 17.40"×35.01"	12"x24" 11.81"x23.62"	12"x12" Mesh 11.81"x11.81""	3"x12" Floor SBN									

























All Colors Available in Sizes 18"x18, 17"x35", 13"x13", 12"x24"



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



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



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



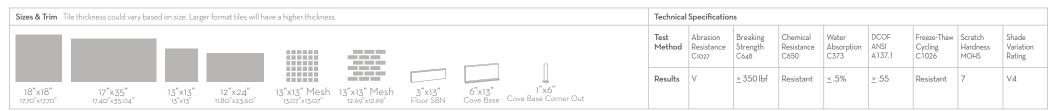
Grigio 2"x4" Offset on 13"x13" Mesh



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



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























All Colors Available in Size 12"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.	Technical Specifications									
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373		Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating	
12"x23" 3"x13" 11.54'x23.35" Floor SBN	Results	V	≥ 350 lbf	Resistant	≤.5%	< .42	Resistant	7	V4	

















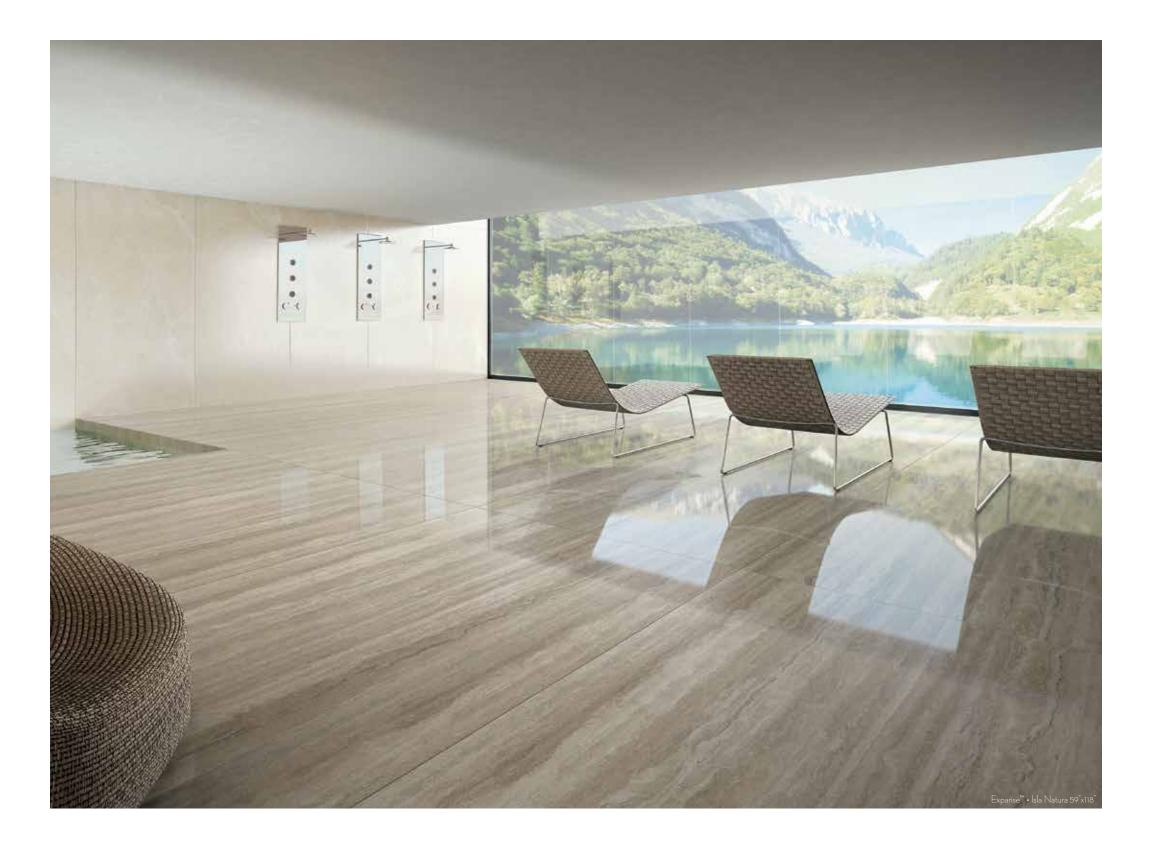






Colors Available in Size 59"x118"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Technical Specifications									
	Test Method	Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1		Scratch Hardness MOHS	Shade Variation Rating		
59"x118"	Results	1	≥ 250 lbf	Resistant	≤.5%	M≥.60 P < .42 L ≥.60	Resistant	6	V1		

















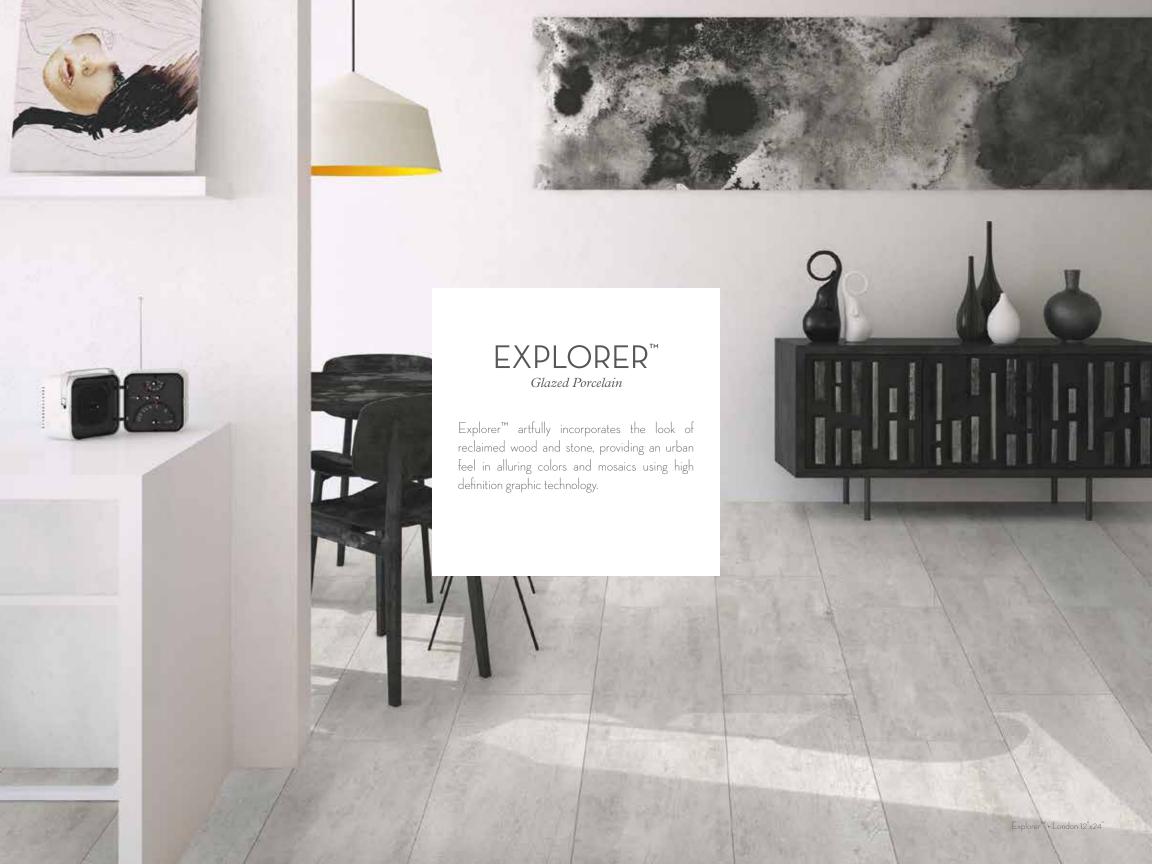


Puro Bianco | Polished | 6.5mm Thickness



Colors Available in Size 59"x118"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications								
	Test Method		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1		Scratch Hardness MOHS	Shade Variation Rating
59"x118"	Results	1	≥ 250 lbf	Resistant	≤.5%	M≥.60 P <.42 L≥.60	Resistant	6	VI















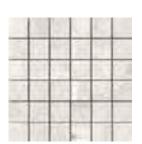






All Colors Available in Sizes 18"x18", 13"x13", 12"x24", 6"x35"







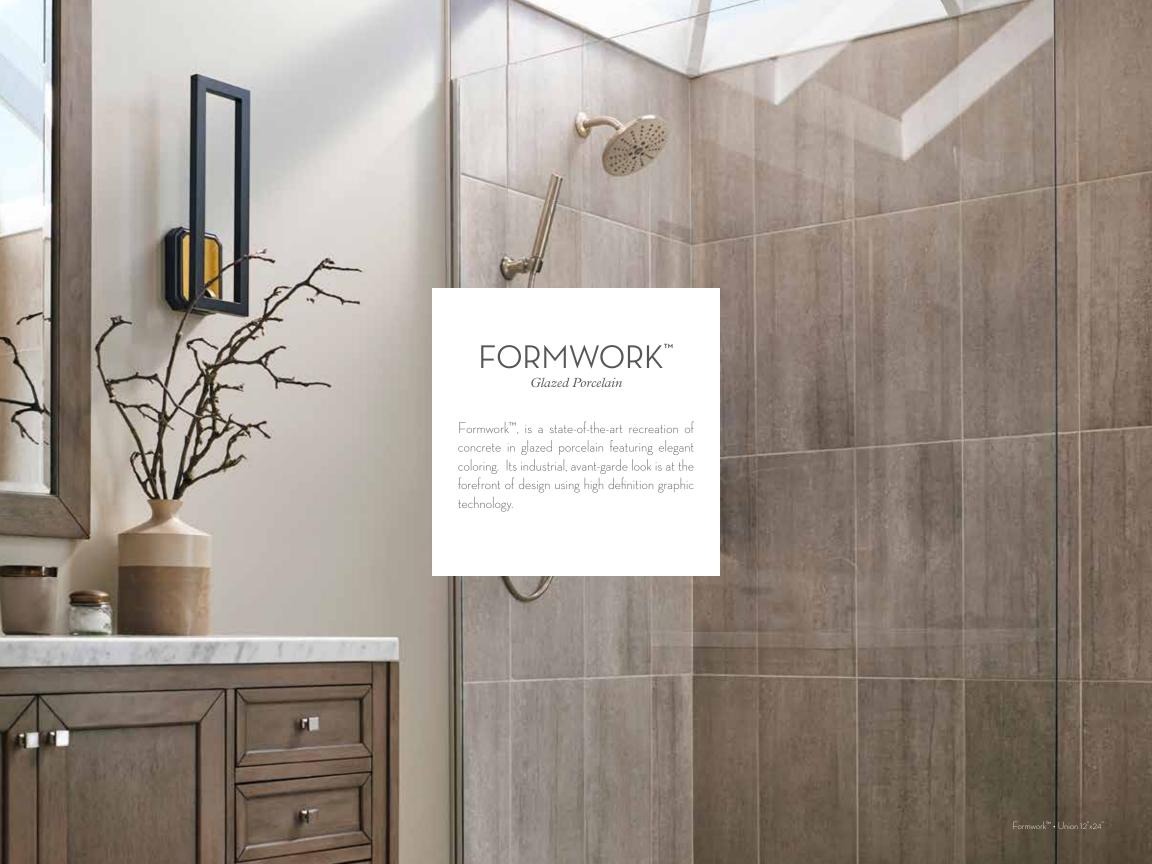


Milan 2"x2" on 13"x13" Mesh

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.	Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650		ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
	Results	IV	≥ 300 lbf	Resistant	≤.5%	≥.60	Resistant	7	V2
18"x18" 13"x13" 12"x24" 6"x35" 13"x13" Mesh 3"x13" 1772"x1772" 12.99"x12.99" 11.81"x23.62" 5.91"x35.43" 12.60"x12.60" Floor SBN									





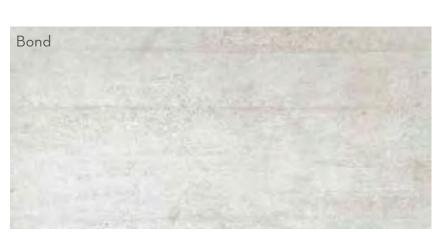


















All Colors Available in Sizes 16"x32", 12"x24"







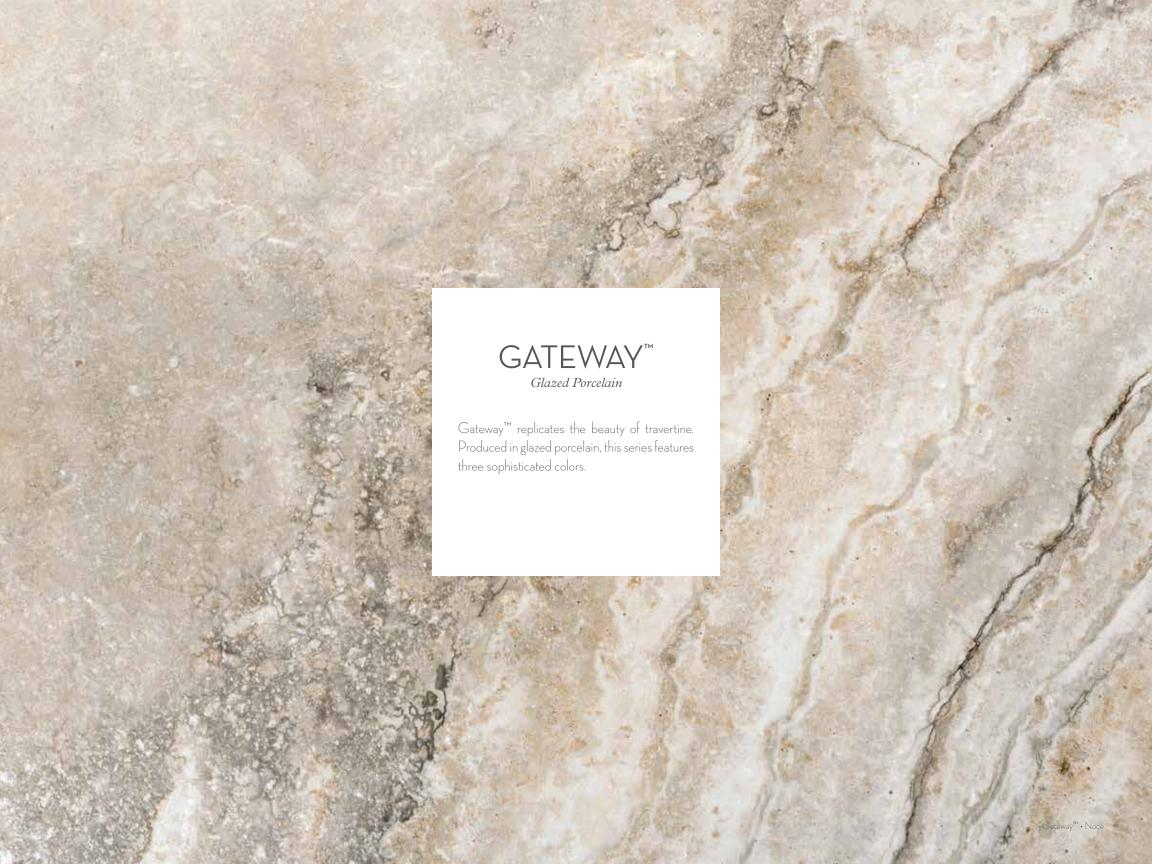


Bond 2"x2" on 12"x12" Mesh Link 2"x2" on 12"x12" Mesh

Nexus 2"x2" on 12"x12" Mesh

Union 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness of	ould vary based on size.	Larger format tiles will h	nave a higher thickness.		Technical Specifications											
					Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating			
					Results	IV	≥ 450 lbf	Resistant	≤.5%	≥.60	Resistant	7	V3			
16"x32" 15.75"x31.50"	12"x24" 11.81"x23.62"	12"x12" Mesh 11.79"x11.79"	3"x24" Floor SBN													







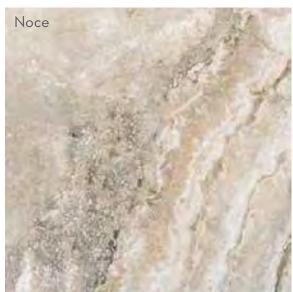




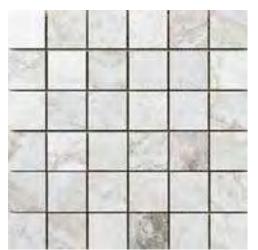








All Colors Available in Sizes 20"x20", 13"x13", 12"x24"



Avorio 2"x2" on 13"x13" Mesh



Grigio 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.	Technical	Specification	ıs						
	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" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 12.99"x12.99" 12.99"x12.99" Floor SBN	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	≥.42	Resistant	Check Website	V3



















All Colors Available in Size 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	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	
6"x24 5.79"x23.62"	Results	III	≥ 400 lbf	Resistant	≤.5%	< .42	Non- Resistant	5	V2	



















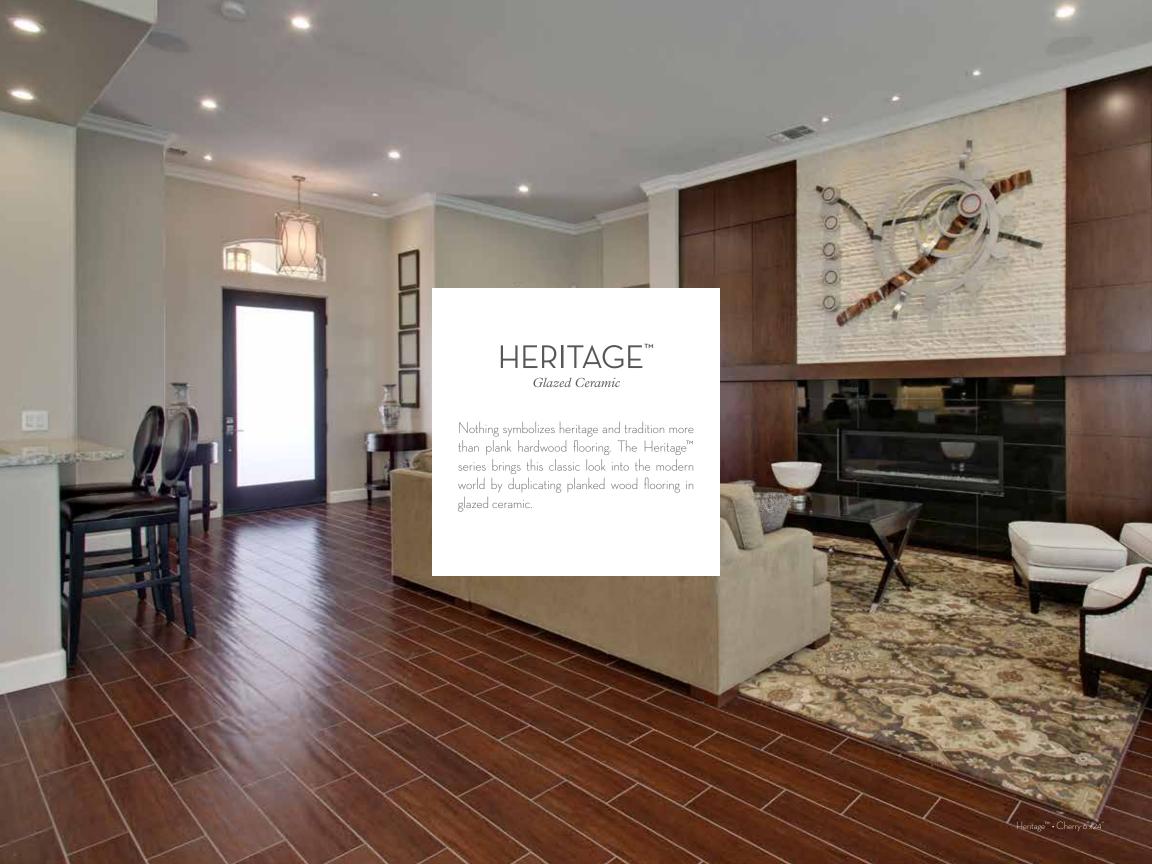






All Colors Available in Sizes 23"x47", 12"x23" | 3/8" Thickness All Colors Available in Size 31"x31" | 5/16" Thickness

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications									
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating	
31"x31" 23"x47" 12"x23" 3139"x31.39" 23.46"x4701" 11.69"x23.46"	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	≥.42	Resistant	Check Website	V2	



















All Colors Available in Size 6"x24"

izes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variatio Rating	
6"x24 591°x23.60"	Results	IV	≥ 350 lbf	Resistant	> 3%	≥.50	Non- Resistant	7	V2	





















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



Cream 2"x2" on 13"x13" Mesh



Beige 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.	Technical	Specification	ns						
	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" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 6"x13" 1"x6" 1773"x1773" 13.02"x13.02" 11.81"x23.62" 13.07"x13.07" Floor SBN Cove Base Corner Out	Results	IV	≥ 700 lbf	Resistant	≤.5%	≥.65	Resistant	7	V3

LATITUDE™

Glazed Body Match Porcelain

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















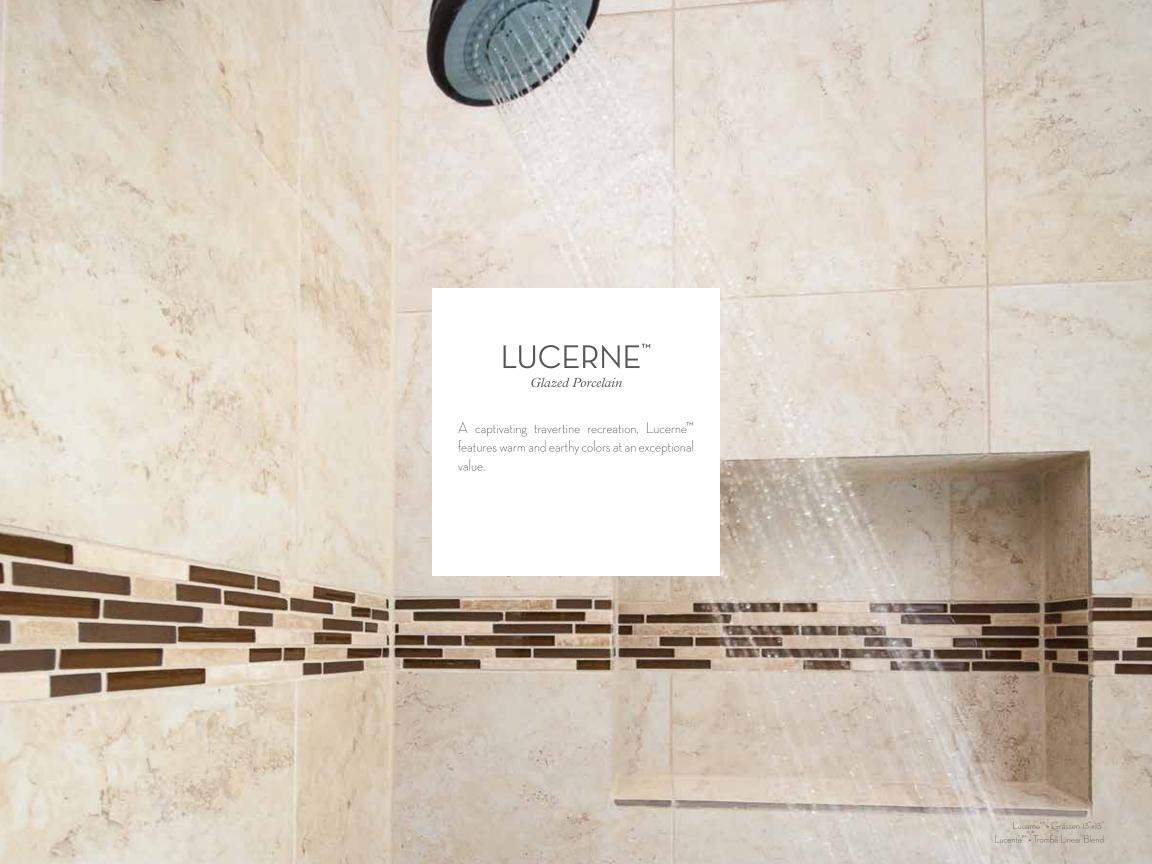






All Colors Available in Sizes 12"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications										
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
12"x24" n.81"x2362"	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	Check Website	Resistant	Check Website	V2				







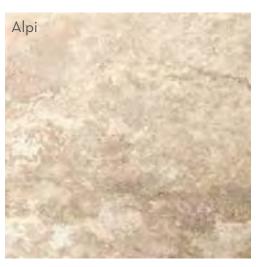
















All Colors Available in Sizes 20"x20", 13"x13", 12"x24", 7"x7"

Mosaics & Decos



Alpi 2"x2" on 13"x13" Mesh



Pilatus 2"x2" on 13"x13" Mesh





Grassen 2"x2" on 13"x13" Mesh

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





Floor Listello 4"x13"

Floor Listello Corner 4"x4"

Sizes & Trim	Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.							Technical Specifications											
						7"×7" Wall DBN	1"x7" Quarter Round	2"x7" V Cap	2"x7" Mud Cap	6"x13" Cove Base	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
							\bigcirc	8			Results	IV	≥ 350 lbf	Resistant	≤.5%	≥.60	Resistant	5	V3
20"x20" 19.69"x19.69"	13"x13" 12.99"x12.99"	12"x24" 11.80"x23.60"	7"x7" 6.50"x6.50"	13"x13" Mesh 12.99"x12.99"	3"x13" Floor SBN	7"x7" Wall SBN	1"x1" Beak	2"x2" V Cap Corner	2"x2" Mud Cap Corner	1"x6" Cove Base Corner Out									























All Colors Available in Sizes 12"x24", 6"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.					Technical Specifications										
				Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating			
12"×24" 11.81"×23.62"	6"x35" 5.63"x35.43"	3"X12" Floor SBN		Results	III	≥ 600 lbf	Resistant	≤.5%	≥.60	Resistant	7	V2			

MELBOURNE™ Glazed Ceramic

With the aid of high definition graphic technology, Melbourne[™] has stunning coloration and graphic detail.

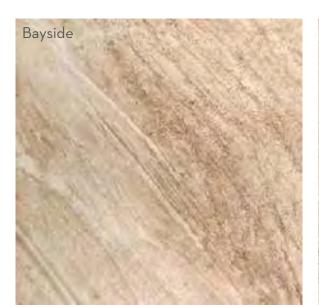
















All Colors Available in Sizes 18"x18", 13"x13", 12"x24"







Knox 2"x2" on 13"x13" Mesh



Wyndham 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	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	<u><</u> 5%	≥.50	Resistant	7	V3		
18"x18" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 17.72°x17.72" 12.99°x12.99° 12.01°x23.82" 12.99°x12.99" Floor SBN											









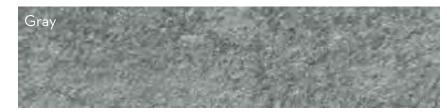












All Colors Available in Size 3"x12"



Color Variations (Sample shown in Cotto)

rim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Technical Specifications												
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating					
	Results	Check Website	≥ 450 lbf	Resistant	≤.5%	< .42	Resistant	9	V4					











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.	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
24"x47" 12"x24" 12"x12" Mesh 3"x12" 23.62"x47.24" 11.81"x23.62" 11.81" Floor SBN	Results	IV	≥ 250 lbf	Resistant	≤.5%	≥.60	Resistant	Check Website	V2



















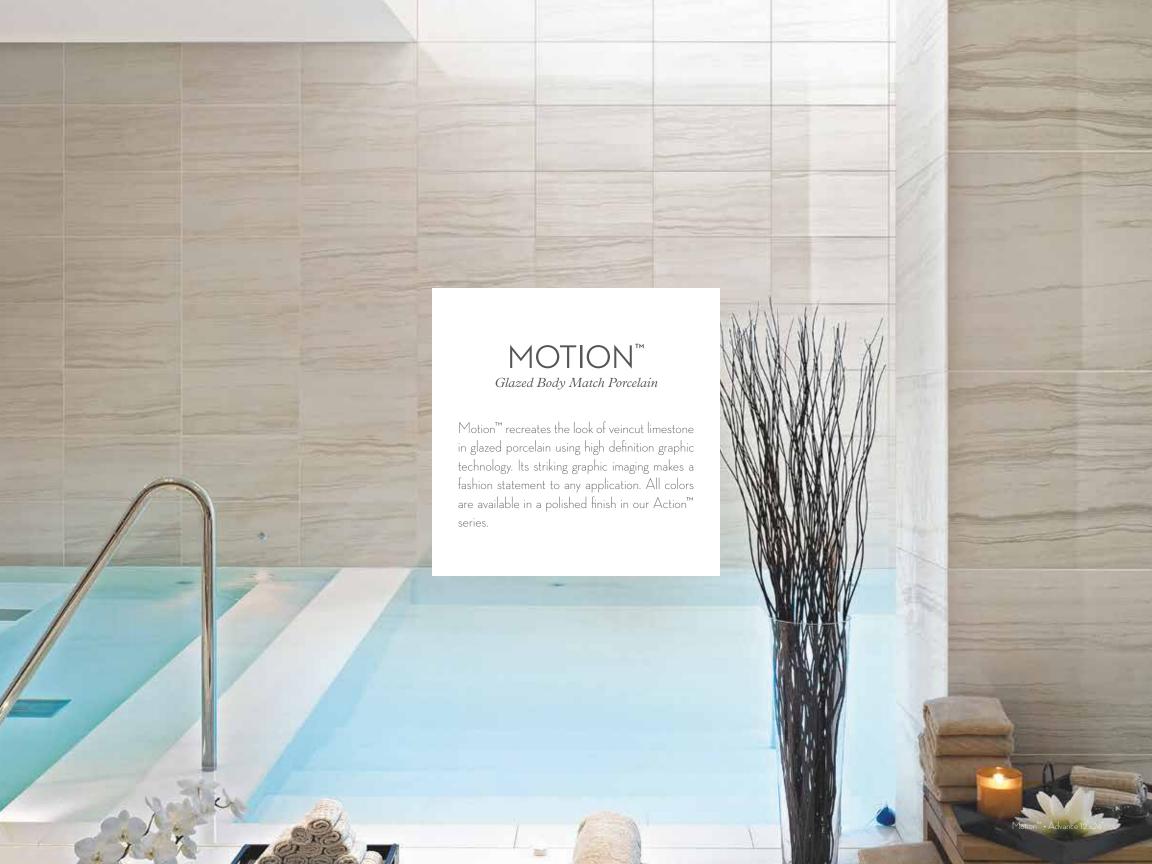






All Colors Available in Size 6"x35"

im Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications												
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
	Results	IV	≥ 850 lbf	Resistant	≤.5%	≥.55	Resistant	7	V3				























All Colors Available in Size 12"x24"



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.	Technical	Specification	ıs						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 13"x13" Mesh 3"x13" 6"x13" 1"x6" 11.81"x23.62" 13.11"x13.11" Floor SBN Cove Base Corner Out	Results	IV	≥ 600 lbf	Resistant	≤.5%	≥.55	Resistant	7	V4





















All Colors Available in Sizes 16"x16", 8"x16", 8"x8", 4"x8", 2"x11"









All Colors Available in Size 10"x11" Hexagon

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ıs						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
16"x16" 8"x16" 8"x8" 4"x8" 2"x11" 10"x11" 3"x16" 2"x11" 4"x8" 15.75"x15.75" 7.87"x15.75" 7.87"x7.87" 3.93"x7.87" 2.36"x10.63" 9.50"x10.91" Floor SBN Corner Corner	Results	IV	≥ 500 lbf	Resistant	≤.5%	≥.65	Resistant	8	V4

















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

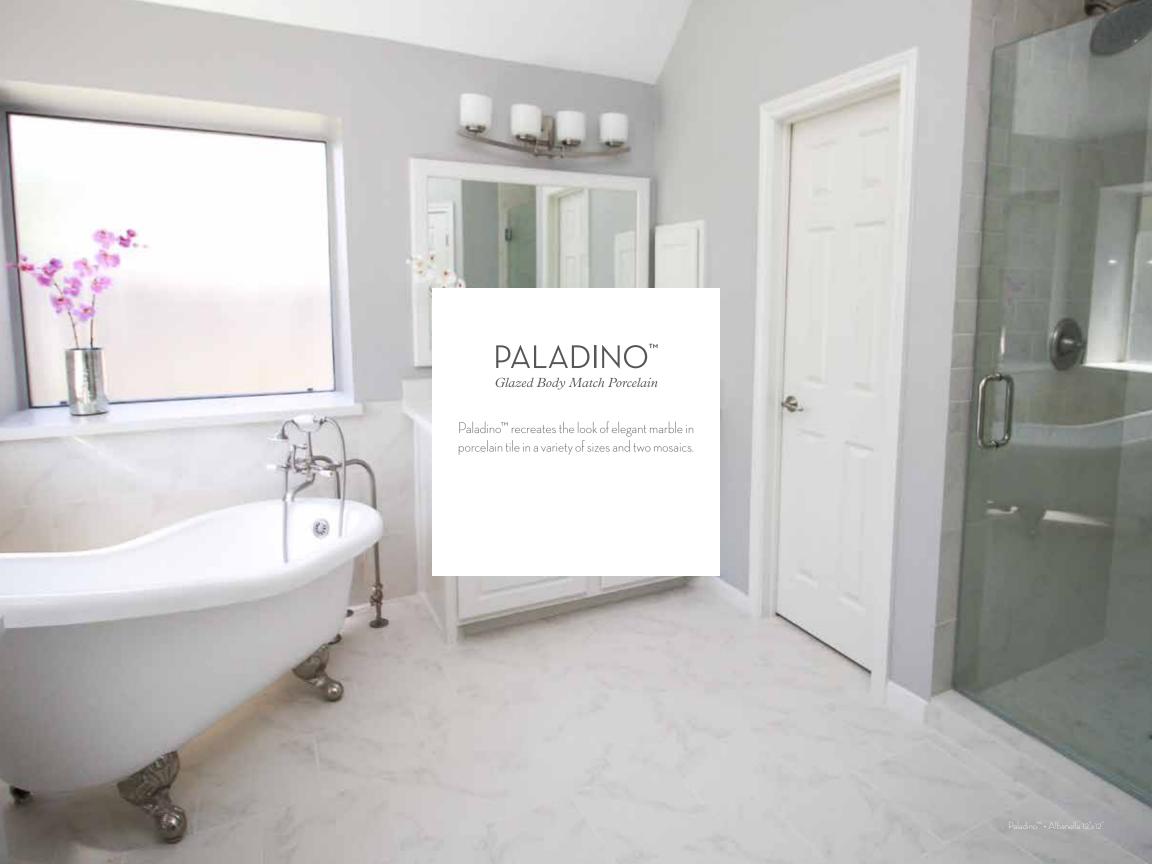


Mountain Blend 2"x2" on 13"x13" Mesh



Cause 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
18"x18" 13"x13" 13"x13" Mesh 3"x13" 17.72"x17.72" 12.99"x12.99" 12.99 x12.99" Floor SBN	Results	IV	≥ 300 lbf	Resistant	≤.5%	≥.60	Non- Resistant	7	V2









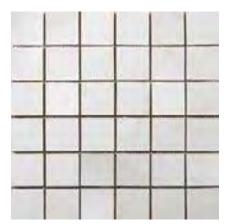








Available in Sizes 24"x24", 12"x24", 12"x12", 4"x12", 3"x6" All Sizes Available in Matte & Polished Finish

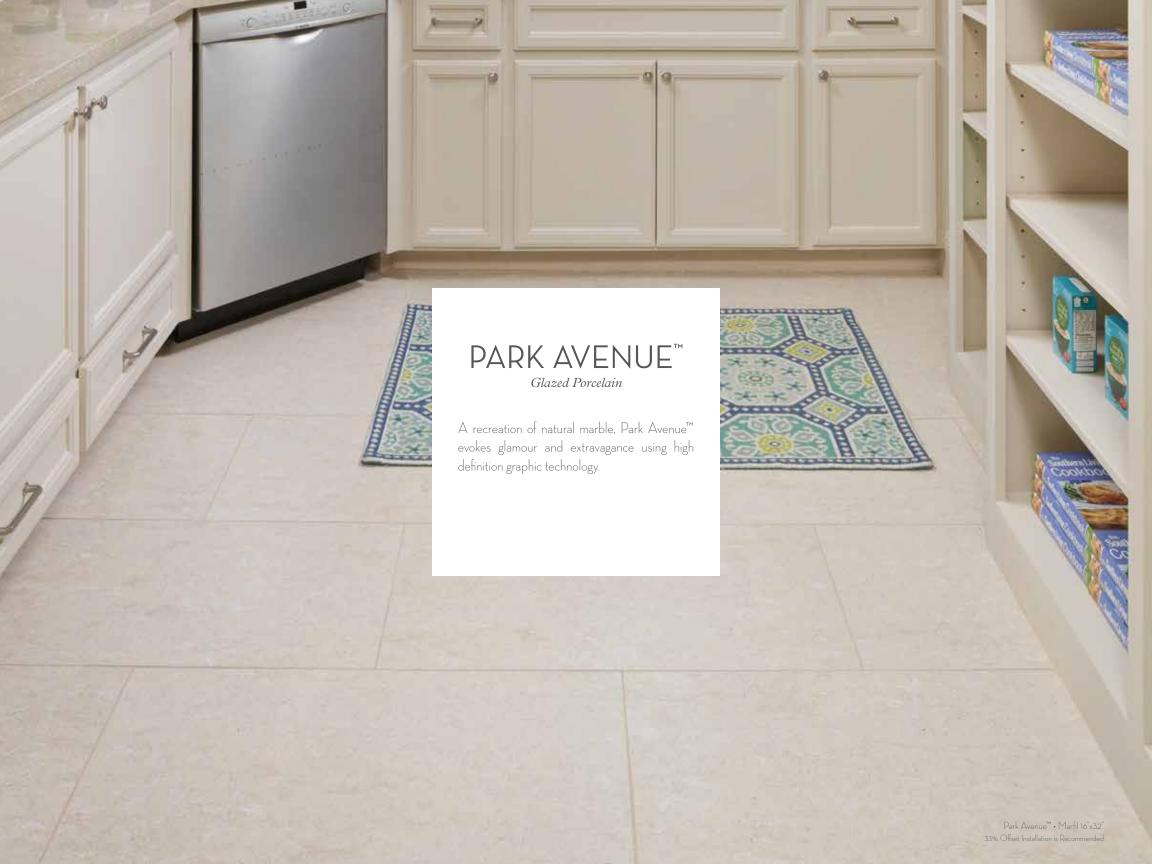






2"x4" Offset on 12"x12" Mesh Available in Matte & Polished Finish

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	s						
		Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
24"x24" 12"x24" 12"x12" 4"x12" 3"x6" 12"x12" Mesh 12"x12" Mesh 3"x12" 23.62"x23.62" 11.81"x1.81" 3.90"x1.81" 2.90"x5.90" 11.81"x1.81" Floor SBN	Results	1	≥ 400 lbf	Resistant	≤.5%	< .42	Resistant	8	V2























Available in Sizes 32"x32", 16"x32", 16"x16", 8"x32"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	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			
32"x32" 16"x32" 16"x16" 8"x32" 3"x16" 31.50'x31.50" 15.75'x31.50" 15.75'x31.50" Floor SBN	Results	III	≥ 900 lbf	Resistant	≤.5%	< .42	Resistant	7	V2			





















All Colors Available in Size 20"x20"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications											
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating			
20"x20" 19.45'x19.45"	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	≥.70	Resistant	7	V1			



















All Colors Available in Sizes 24"x47", 16"x32", 8"x32" All Sizes Available in Honed & Polished Finish

Sizes & Trim Tile thickness could vary based on size. Larg	r format tiles will have a higher thickness.	Technica	Technical Specifications												
		Test Method	Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating					
24"×47" 16"×32" 23.62"×47.24" 15.67"×31.50"	8"×32" 780'x31.50"	Results	1	≥ 550 lbf	Resistant	≤.5%	P <.42 M ≥ .42	Resistant	7	V2					



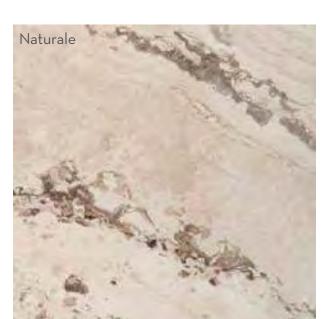




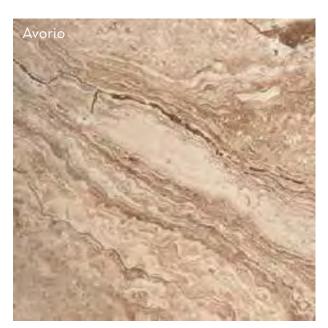












All Colors Available in Sizes 18"x18", 13"x13", 12"x24"



Naturale 2"x2" on 13"x13" Mesh



Bianco 2"x2" on 13"x13" Mesh



Avorio 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	ns						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650			Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
	Results	IV	≥ 250 lbf	Resistant	≤.5%	≥.65	Resistant	7	V3
18"x18" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 1773"x1773" 13.02"x13.02" 11.81"x23.62" 13.02"x13.02" Floor SBN									





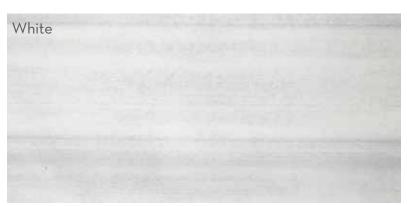
















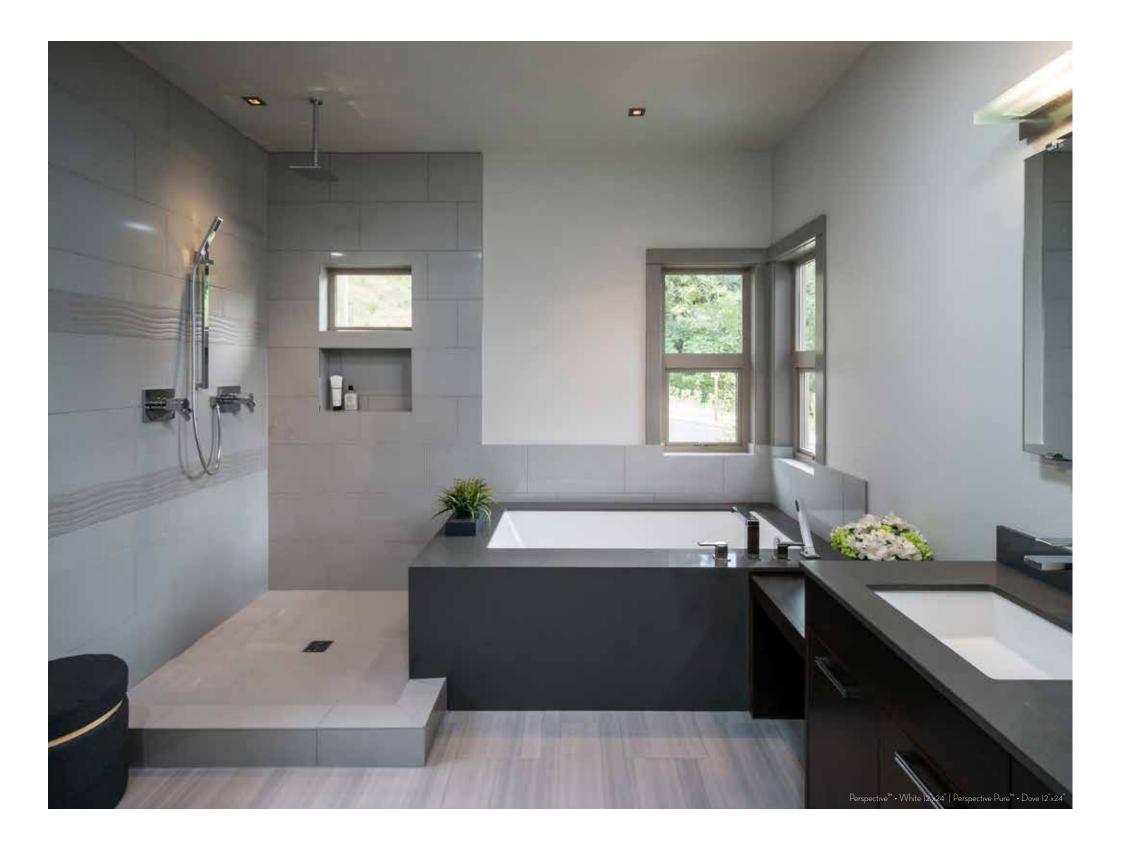






All Colors Available in Sizes 12"x24", 6"x24" Coordinating Colors Available in Perspective Pure™

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications												
	Test Method		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
12"x24" 6"x24" 3"x12" 6"x12" 1"x6" 11.81'x23.62" 5,91'x23.62" Floor SBN Cove Base Corner Out	Results	III	≥ 650 lbf	Resistant	≤.5%	≥.60	Resistant	7	V2				

























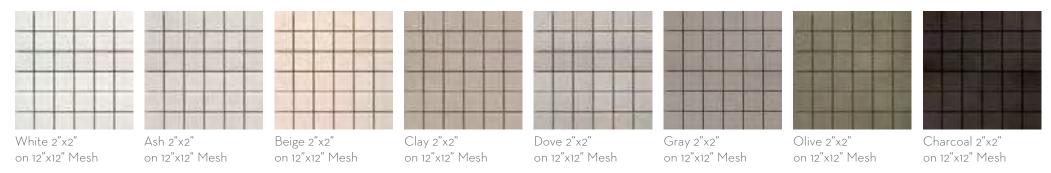








All Colors Available in Sizes 12"x24", 6"x6"



Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications										
	Test Method		Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
12"x24" 6"x6" 12"x12" Mesh 3"x12" 6"x12" 1"x6" 11.81"x12562" 5,91"x5,91" 11.81"x11.81" Floor SBN Cove Base	Results	es III	≥ 650 lbf	Resistant	≤.5%	≥.60	Resistant	7	V2				







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

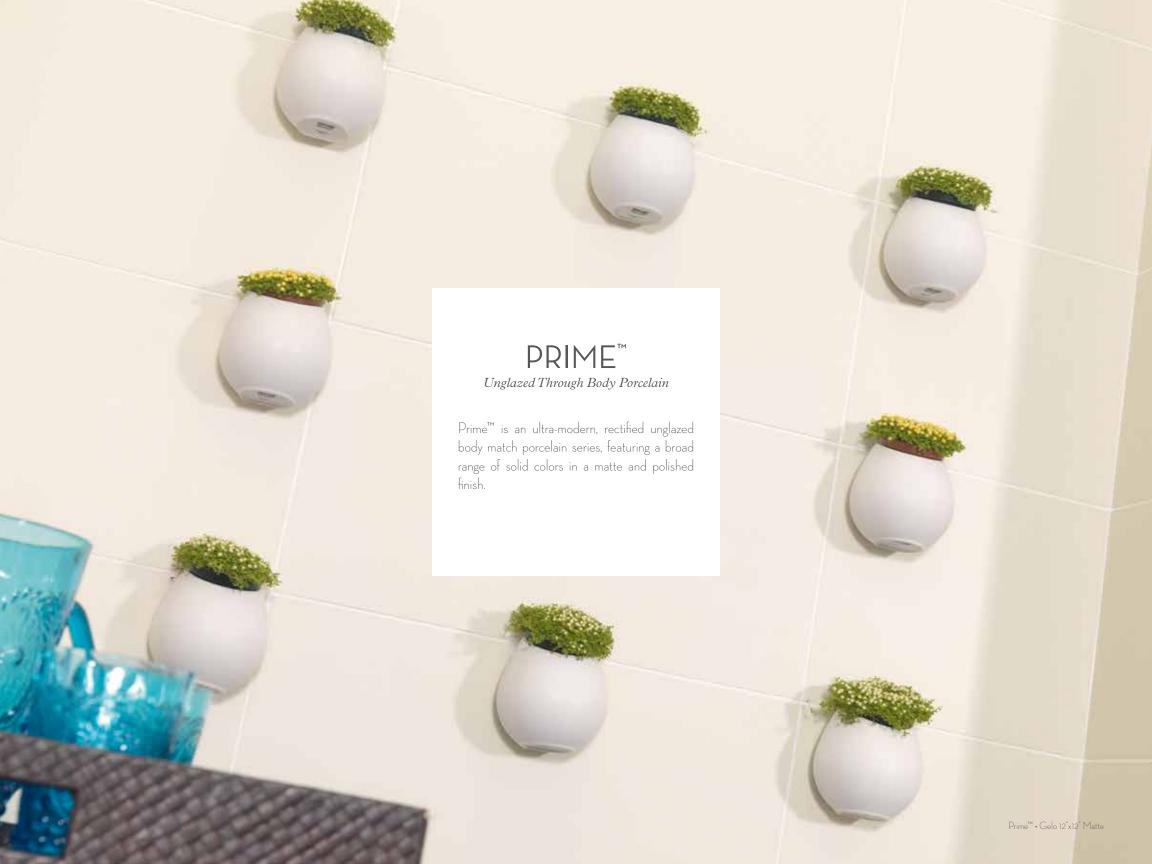






Colors Available in Size 12"x24" | Polished & Matte Finish

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technical Specifications											
		Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
24"x24" 12"x24" 12"x12" 3"x12" 6"x12" 1"x6" 23.62"x23.62" 11.69"x11.69" Floor SBN Cove Base Corner Out	Results	1	M ≥ 700 lbf P ≥ 500 lbf	Resistant	≤.5%	M≥.55 P < .42	Resistant	7	V2				







All Colors Available in Sizes 12"x24", 12"x12"
All Colors Available in Polished & Matte Finish

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications											
	Test Method	Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1		Scratch Hardness MOHS	Shade Variation Rating					
12"x24" 12"x12" 11.69'x23.50" 11.69'x1.69"	Results	1	≥ 450 lbf	Resistant	≤.5%	<.42		M 5 P 6	V1					













All Colors Available in Sizes 24"x35", 12"x24", 8"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		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	III	≥ 500 lbf	Resistant	≤.5%	≥.60	Resistant	8	V3	
3"	12"x24" 11.81"x23.62"	8"x35" 7.87"x35.43"											







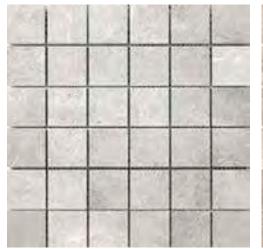








All Colors Available in Sizes 20"x20", 13"x13", 12"x24"









Domain 2"x2" on 13"x13" Mesh

Nation 2"x2" on 13"x13" Mesh

Region 2"x2" on 13"x13" Mesh

State 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technical Specifications											
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating				
20"x20" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 1299'x12.99' 11.81"x23.62" 12.99'x12.99' Floor SBN	Results	III	≥ 350 lbf	Resistant	≤.5%	<u>></u> .50	Non- Resistant	4	V3				







All Colors Available in Size 8"x71"

thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	al Specificatio	ns						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
	Results	V	≥ 500 lbf	Resistant	≤.5%	≥.55	Resistant	7	V2









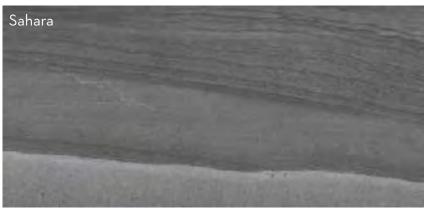








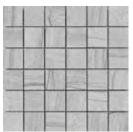


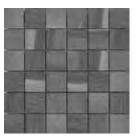


All Colors Available in Sizes 18"x18", 13"x13", 12"x24"









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.	Technical	Specification	ıs						
	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	≤.5%	≥.55	Resistant	7	V2
18"x18" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 1772"x1772" 12,99"x12,99" 11.81"x23,62" 13,07"x13,07" Floor SBN									









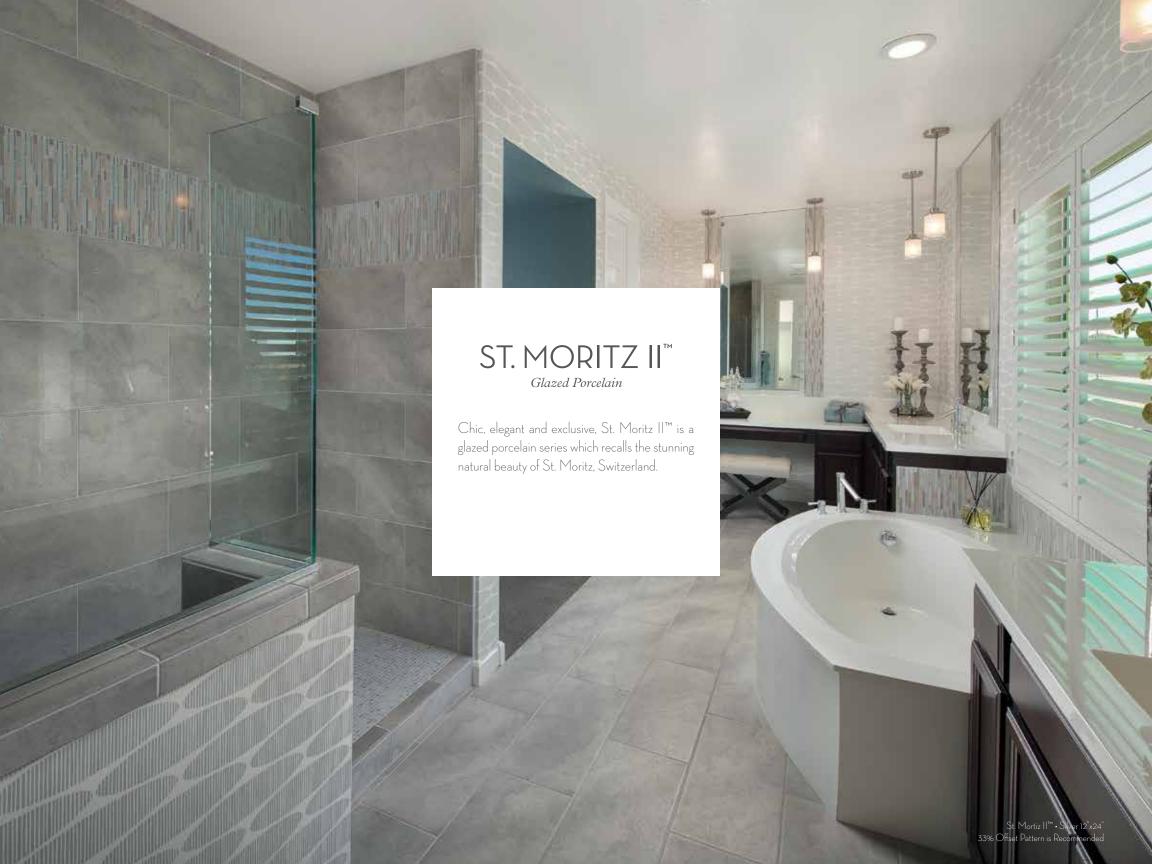






All Colors Available in Size 12"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	l Specification	ns						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 3"x12" 6"x12" 1"x6" 11.77"x23.60" Floor SBN Cove Base Corner Out	Results	III	≥ 550 lbf	Resistant	≤.5%	≥.42	Resistant	7	V2











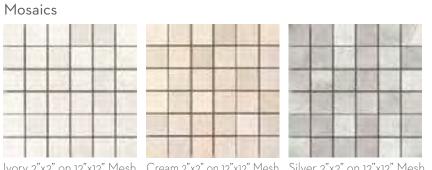
























Chocolate







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

All Colors Available in Sizes 18"x18", 12"x24", 12"x12"

Sizes & Trim Tile thickness	could vary based on size. Larger format tiles will ha	ve a higher thickness.	Technic	ical Specification	ns						
			Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
	"x24" 12"x12" 12"x12" Mesh "x23.62" 11.81"x11.81" 11.81"x11.81"	3"x12" Floor SBN	Results	es IV	≥ 400 lbf	Resistant	≤.5%	≥.42	Resistant	7	V2

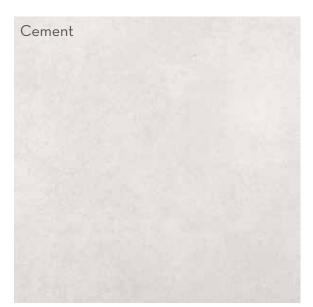




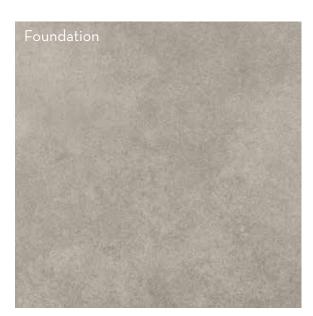




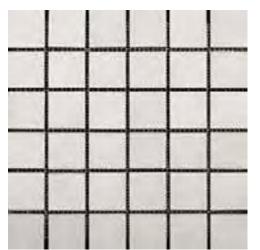




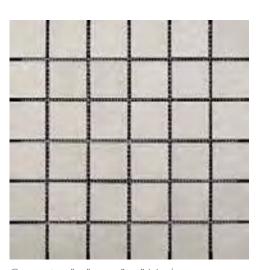




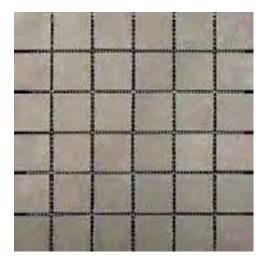
All Colors Available in Sizes 18"x18", 13"x13", 12"x24"





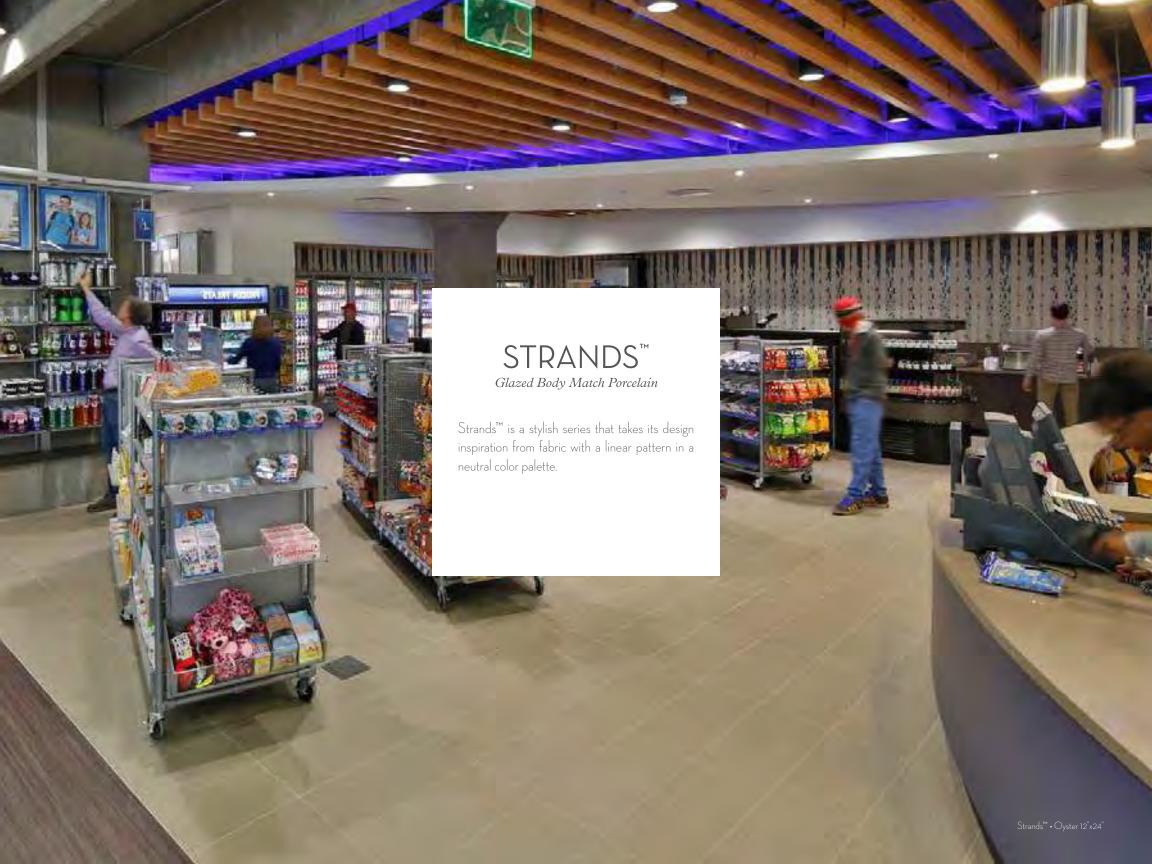


Concrete 2"x2" on 13"x13" Mesh



Foundation 2"x2" on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specification	s						
	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" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 12.99"x12.99" Floor SBN	Results	III	≥ 250 lbf	Resistant	≤ 5%	≥.50	Non- Resistant	6	V2

























All Colors Available in Sizes 12"x24"



Pearl 2"x2" on 12"x12" Mesh







sh Olive 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. **Technical Specifications** Breaking Test Abrasion Chemical Water DCOF Freeze-Thaw Scratch Shade ANSI A137.1 Cycling C1026 Hardness Method Resistance Strength Resistance Absorption Variation C650 C373 MOHS C1027 Rating ≥ 500 lbf ≤.5% V2 Results ≥.60 Resistant 3"x12" Floor SBN (Horizontal) 6"x12" Cove Base (Horizontal) 1"x6" 12"x24" 11.70"x23.60" 12"x12" Mesh 11.81"x11.81" Cove Base Corner Out (Horizontal)



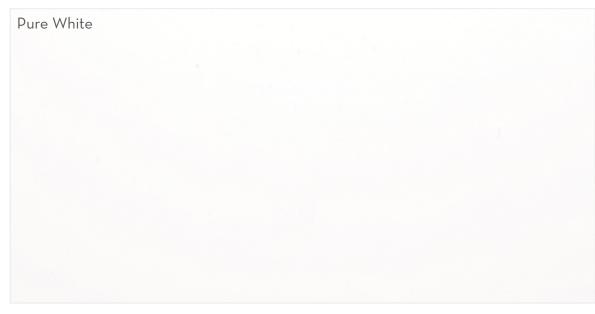












Available in Sizes 24"x47", 24"x24", 12"x24", 12"x12", 6"x24" All Sizes Available in Matte & Polished Finish

Mosaic



Matte & Polished Linear Blend 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 form	at tiles will ha	ve a higher thic	kness.				Technical	Specification	s						
		_						0	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"×47" 23.62"×47.24"	24"×24" 23.62"×23.62"	12"x24" 11.81"x23.62"	12"x12" 11.81"x11.81"	6"x24" 5.91"x23.62"	10"x12" Mesh 9.76"x11.57"	3"x12" Floor SBN	6"x12" Cove Base	1"x6" Cove Base Corner Out	Results	M V P IV	M ≥ 550 lbf P ≥ 600 lbf	Resistant	≤.5%	< .42	Resistant	M 7 P 6	V1























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



lvory 2"x2" on 12"x12" Mesh







Beige 2"x2" on 12"x12" Mesh

Taupe 2"x2" on 12"x12" Mesh

Gray 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness of	ould vary based on size.	Larger format tiles will ha	ave a higher thickness.	Technic	al Specification	ns						
				Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
18"x36" 1791"x35.83"	12"x24" 11.81"x23.62"	12"x12" Mesh	3"x12" Floor SBN	Results	IV	≥ 550 lbf	Resistant	≤.5%	≥.42	Resistant	7	V4













All Colors Available in Size 8"x45"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
0"="	Results	IV	≥ 700 lbf	Resistant	≤.5%	≥.55	Resistant	6	V4
8"x45" 7.89"x44.88"									

THREAD™

Glazed Porcelain

Inspired by woven textiles, Thread $^{\text{TM}}$ offers a subtle color palette with coordinating mosaics.







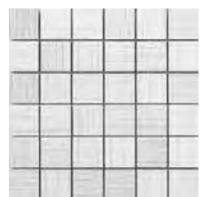








All Colors Available in Size 12"x24"











White 2"x2" on 12"x12" Mesh

lvory 2"x2" on 12"x12" Mesh

Silver 2"x2" on 12"x12" Mesh

Olive 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.	Technica	Specification	าร						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
12"x24" 12"x12" Mesh 3"x12" 1.81"x23.62" 11.81"x13.61" Floor SBN	Results	III	≥ 350 lbf	Resistant	≤.5%	< .42	Resistant	5	V2







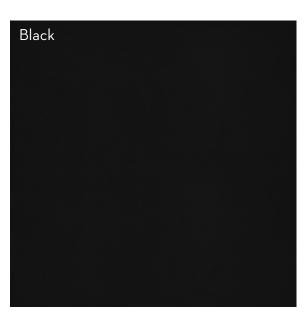








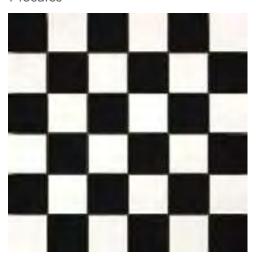




White & Black Colors Available in Sizes 24"x24", 12"x24", 12"x12"



Gray Color Available in Size 12"x24"



Checker Mosaic Blend 2"x2" on 12"x12" Mesh



Cube Mosaic Blend 2"x2" on 11"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 b	pased on size. Lar	ger format tiles will h	ave a higher thickness.		Technical	Specification	s						
							Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
						Results	1	≥ 500 lbf	Resistant	≤.5%	< .42	Resistant	7	V1
24"x24" 23.62"x23.62"	12"x24" 11.81"x23.62"	12"x12" 11.81"x11.81"	12"x12" Mesh 11.81"x11.81"	11"x12" Mesh 10.83"x11.61"										













All Colors Available in Sizes 17"x17", 13"x13", 12"x24", 7"x7"



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

Sizes & Trim	Tile thickness coul	d vary based on si	ze. Larger form	at tiles will have a high	ner thickness.				Technical	Specification	s						
						7"x7" Wall DBN	1"x7" Quarter Round	2"x7" V Cap	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" 17.30"x17.30"	13"×13" 13.10"×13.10"	12"×24" 11.81"×23.62"	7"×7" 6.50"×6.50"	13"x13" Mesh	3"x13" Floor SBN	7"x7" Wall SBN	∩ 1"x1" Beak	2"x2" V Cap Corner	Results	III	≥ 250 lbf	Non- Resistant	≤ 5%	≥.42	Non- Resistant	7	V2

TROVATA™

Glazed Porcelain

Trovata[™] beautifully recreates the look of stone in glazed porcelain with rustic undertones. Using high definition graphic technology, Trovata[™] consists of three sizes and coordinating mosaics.

















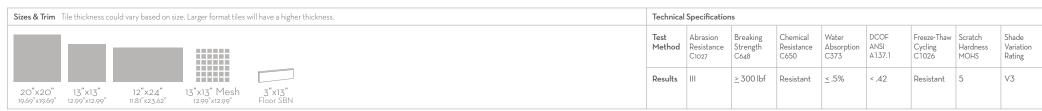
Journal 2"x2" on 13"x13" Mesh





All Colors Available in Sizes 20"x20", 13"x13", 12"x24"























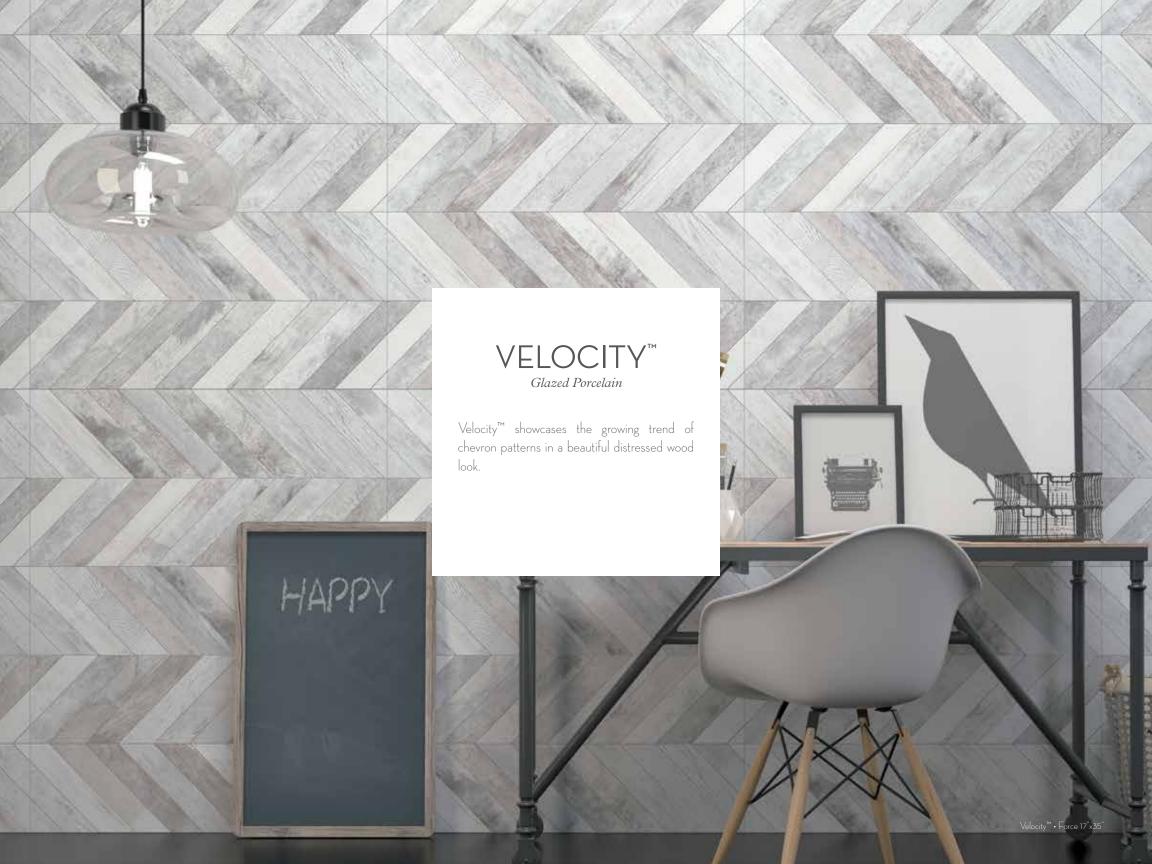






All Colors Available in Sizes 24"x47", 12"x24"

8. Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Specification	s						
	Test Method		Breaking Strength C648	Chemical Resistance C650	Absorption	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
	Results	III	≥ 350 lbf	Resistant	≤.5%	≥.42	Resistant	5	V2
24"X47" 12"X24" 2362"x47:24" 11.81"x23.62"									



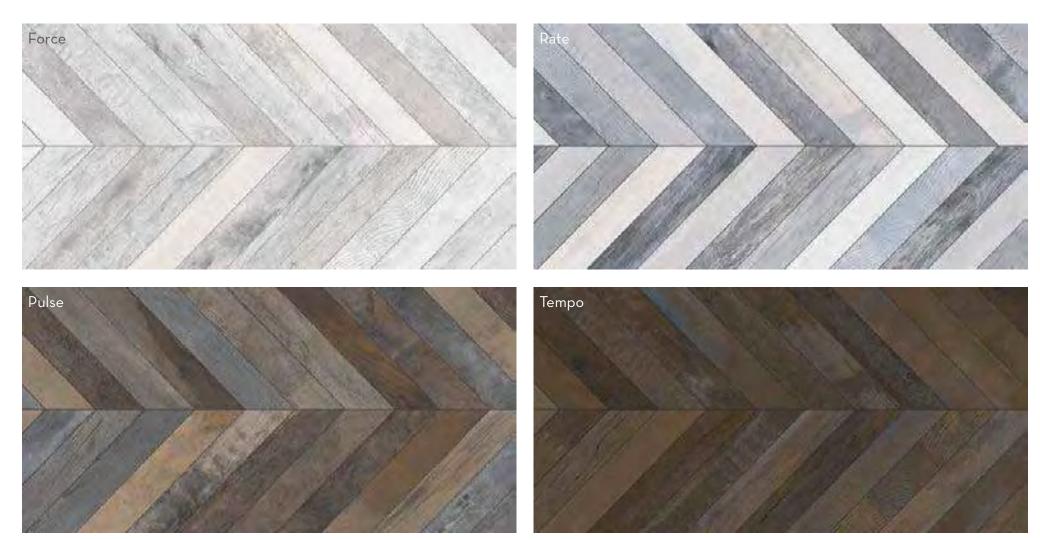












All Colors Available in Size 17"x35"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	Specification	าร						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650		DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating
17"×35" 17.40°×35.04"	Results	III	≥ 850 lbf	Resistant	≤.5%	< .42	Resistant	7	V2



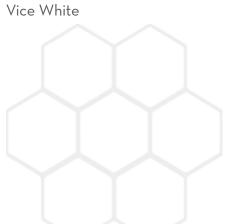


















Virtue White







All Colors Available in Size 18"x18"















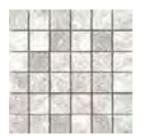








All Colors Available in Sizes 18"x18", 13"x13", 12"x24"







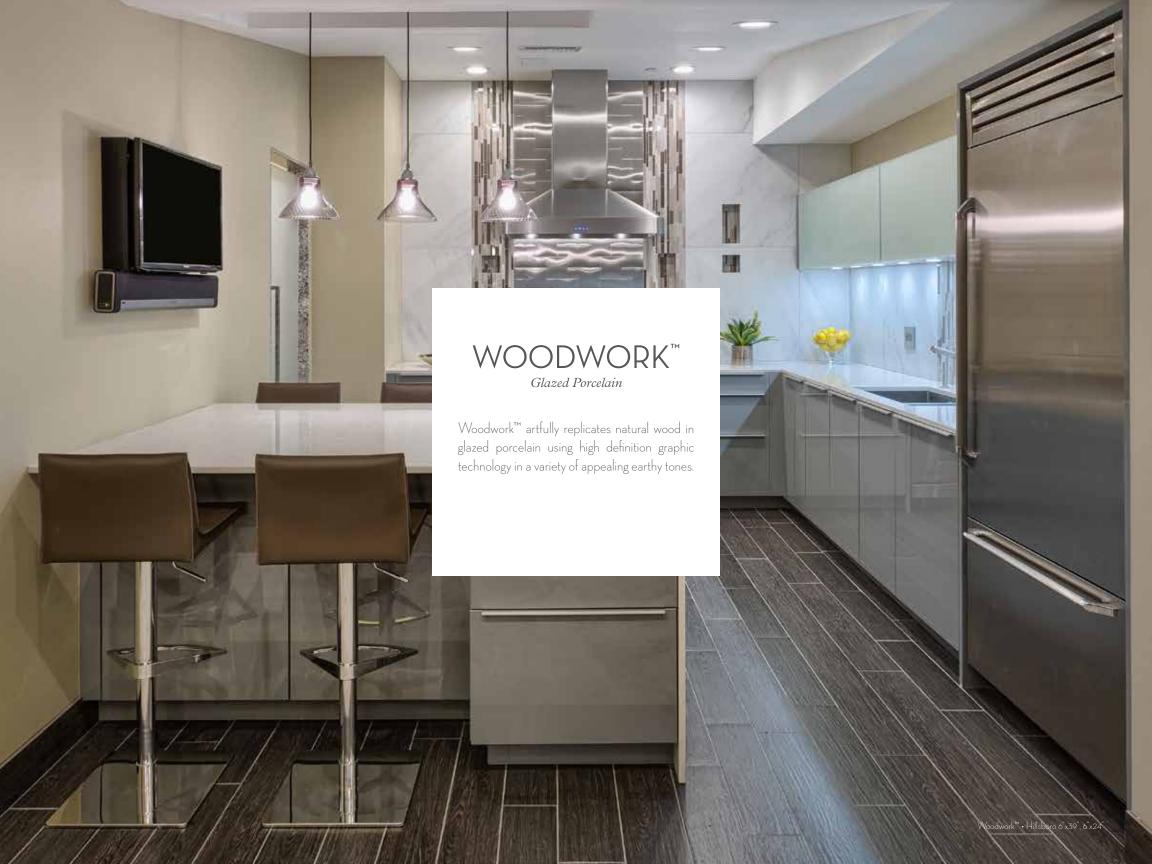


Brahmms 2"x2" on 12"x12" Mesh Hayden 2"x2" on 12"x12" Mesh

Mozzart 2"x2" on 12"x12" Mesh

Strausse 2"x2" on 12"x12" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications									
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating			
	Results	IV	≥ 850 lbf	Resistant	≤.5%	≥ .60	Resistant	7	V2			
18"x18" 13"x13" 12"x24" 13"x13" Mesh 3"x13" 1772"x1772" 1299"x1299" 11.81"x23.62" 13.07"x13.07" Floor SBN												

















All Colors Available in Sizes 6"x39", 6"x24"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technica	Technical Specifications										
			Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating			
			Results	III	> 300 lbf	Resistant	≤.5%	≥.50	Resistant	5	V3			
6"x39" 6.49"x39.25"	6"x24" 5.83"x23.50"	3"x24" Floor SBN												

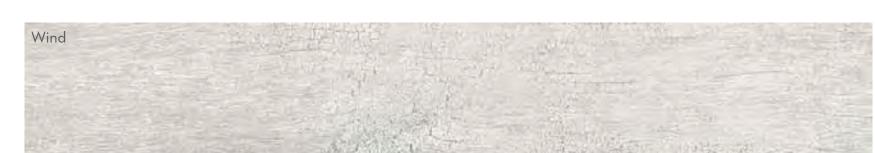














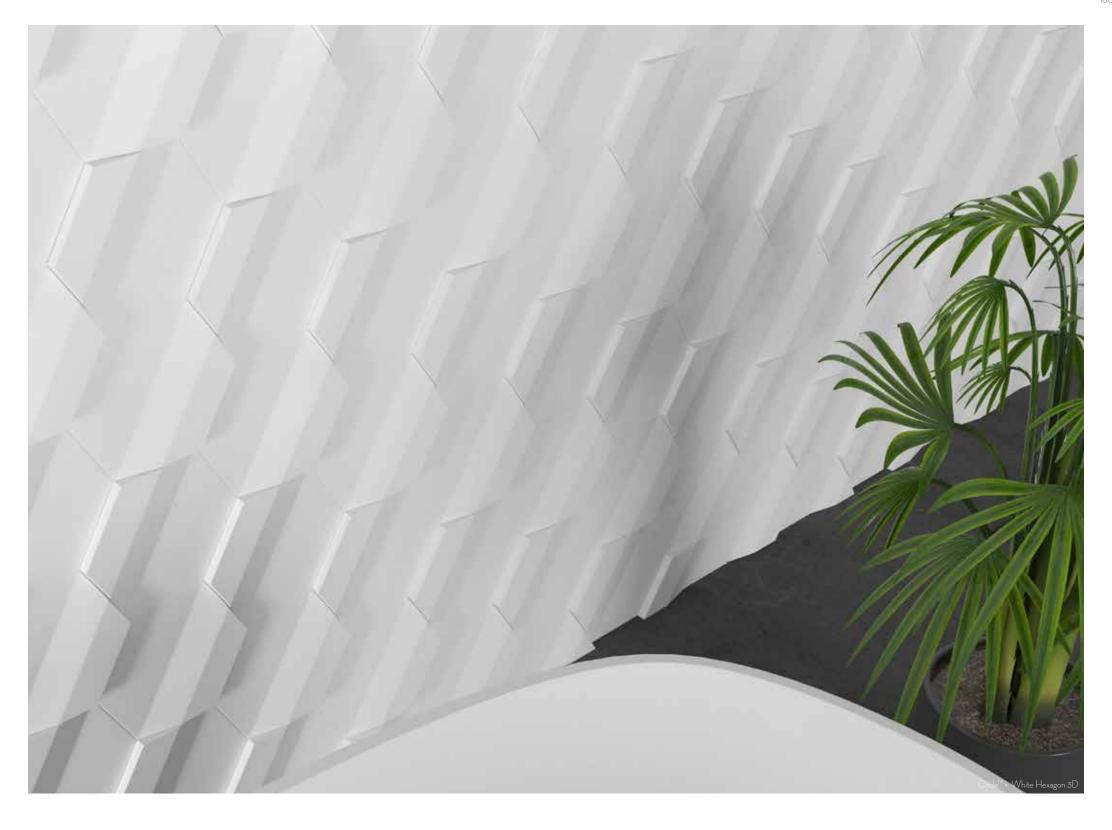




All Colors Available in Size 8"x35"

im Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	al Specification	cations						
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650		DCOF ANSI A137.1		Scratch Hardness MOHS	Shade Variation Rating
	Results	III	≥ 350 lbf	Resistant	≤ 3%	≥.42	Resistant	7	V2





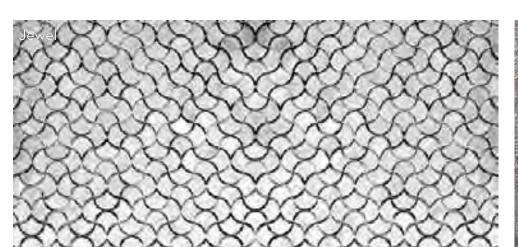


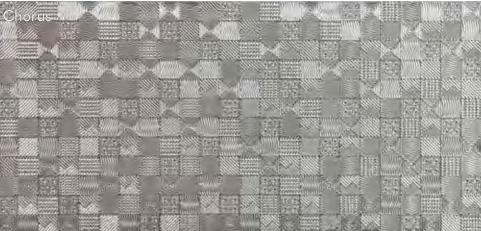
FIELD	COLLECTION	FLOOR	WALL	FLOOR SBN	MOSAIC	PAGE
12"x24"	ALLURE		0			183
12"x35"	ARTWORK		0			185
12"x24" 6"x16" 4"x16" 4"x10" 3"x6" 1/2"x6"	CHOICE	•			•	187
4"x9"	CODE	•				189
12"x24"	JAZZ					193
2"x10"	PLACE2B		۰			195
13"x36" 12"x24"	SCULPTURE	•	•			197
12"x24"	SURFACE	•		•	۰	199
10"x30"	VERTIGO					203
4"x16" 2"x16"	VOGUE	۰	۰	•	۰	205

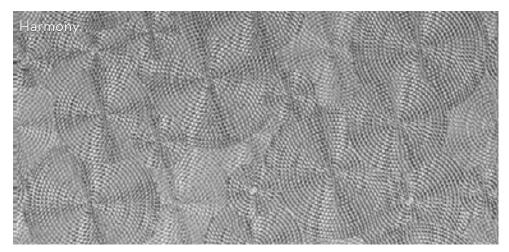






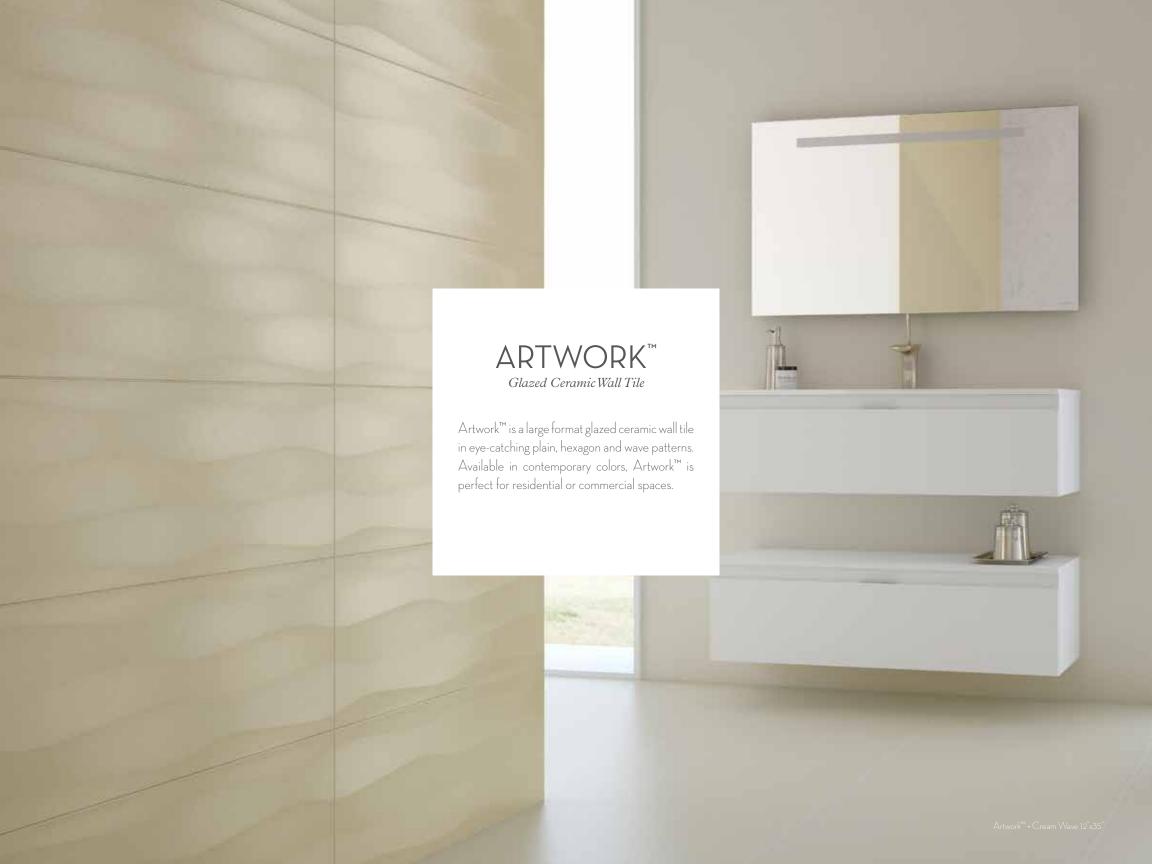






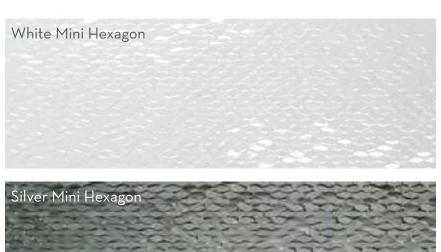
All Patterns Available in Size 12"x24"

 $\textbf{Sizes \& Trim} \quad \text{Tile thickness could vary based on size. Larger format tiles will have a higher thickness.}$ Technical Specifications Method Variation Results V2 12"x24" 11.81"x23.62"





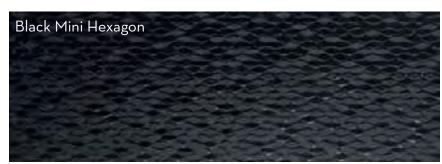




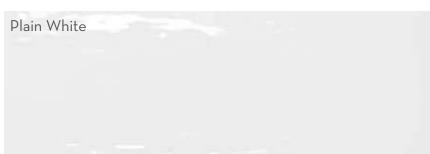












All Colors Available in Size 12"x35"

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

Technical Specifications

Test Method Variation

Results V1





White, Bone, Gray, Taupe Colors Available in Sizes 12"x24", 6"x6" Lug, 4"x16" Lug, 4"x10" Lug, 3x6" Lug, 4"x16" Bevel, 3"x6" Bevel, 1/2"x16" Jolly White, Bone, Gray, Taupe Colors Available in Bullnose 2"x6", Bullnose Corner 2"x2"

Red

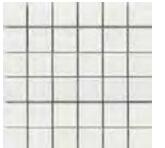
Available in Gloss & Matte Finish

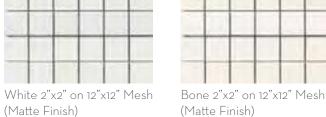


Fawn Color Available in Sizes 12"x24", 6"x6" Lug, 4"x16" Lug, 4"x10" Lug, 3x6" Lug, 4"x16" Bevel, 3"x6" Bevel, 1/2"x16" Jolly Available in Gloss Finish

Red Color Available in Sizes 12"x24", 4"x16" Lug, 3x6" Lug, 1/2"x16" Jolly Available in Gloss Finish

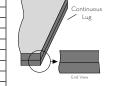
Mosaics





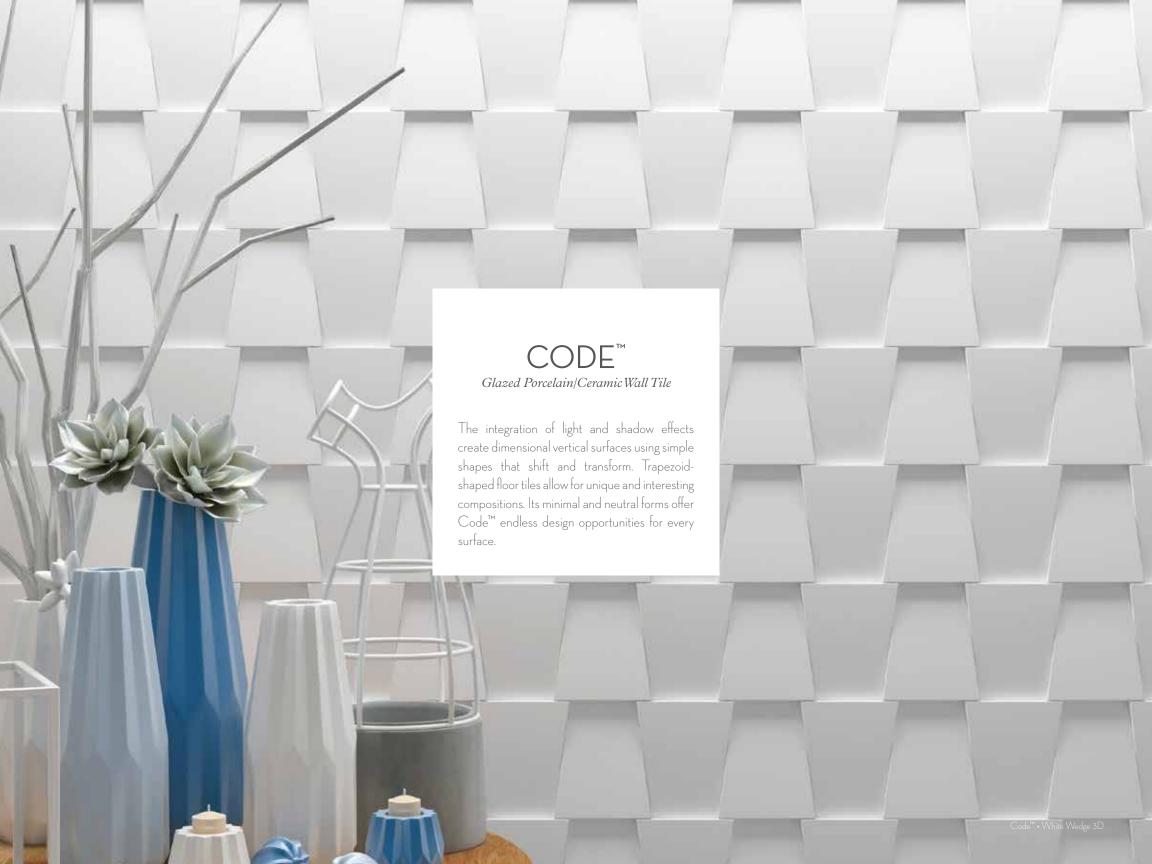
Choice Program:

Color	Finish	3x6 Lug	4x16 Lug	12x24	6x6 Lug	4x10 Lug	3x6 Bevel	4x16 Bevel	1/2x16 Jolly	2x6 (6"Side) SBN	2x2 Corner	2x2 Mosaic
White	Gloss	Х	Х	X	Х	Х	×	X	х	х	x	
White	Matte	Х	Х	Х	х	Х	Х	×	×	х	х	×
Bone	Gloss	X	х	×	х	х	×	×	х	x	×	
Bone	Matte	×	×	×	x	х	х	×	×	х	x	х
Gray	Gloss	×	х	×	х	х	×	×	×	x	×	
Gray	Matte	X	X	×	х	х	×	×	х	х	×	
Taupe	Gloss	×	×	×	x	х	х	×	×	х	x	
Taupe	Matte	X	х	×	х	х	×	×	х	х	×	
Fawn	Gloss	×	х	х	х	х	х	×	×			
Red	Gloss	×	х	Х					x			



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.						Technical	Specifications		
									Test Method Results	Shade Variation
'	12"×24" 11.81"×23.62"	6"x6" 5.91"x5.91"	4"x16" 3.94"x15.75"	4"x10" 3.94"x9.84"	3"x6" 2.95"x5.91"	1/2"x16" Jolly .49"x15.55"	12"x12" Mesh 12.05"x12.05"		results	





White Hexagon Line



White Hexagon High



White Hexagon 3D



Calacata Hexagon High



Metallic Hexagon High





All Hexagon Patterns/Colors Available in Size 6"x7"

White Wedge Smooth



White Wedge High



White Wedge 3D





White Wedge 3D Side View

All Wedge Patterns/Colors Available in Size 5"x6"

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







	Неха
	Hexa
	Hexa
pezoid	Неха

Hexagon Smooth	5/16" Thickness
Hexagon Line	5/16" Thickness
Hexagon High	7/8" Thickness
Hexagon 3D	3/4" Thickness

Wedge Smooth	5/
Wedge High	Z
Hexagon 3D	Z
Trapezoid	5/

)	5/16" Thickness
	3/4" Thickness
	3/4" Thickness
	5/16" Thickness

lechnical Specification						
Test Method	Shade Variation					
Results	V1					













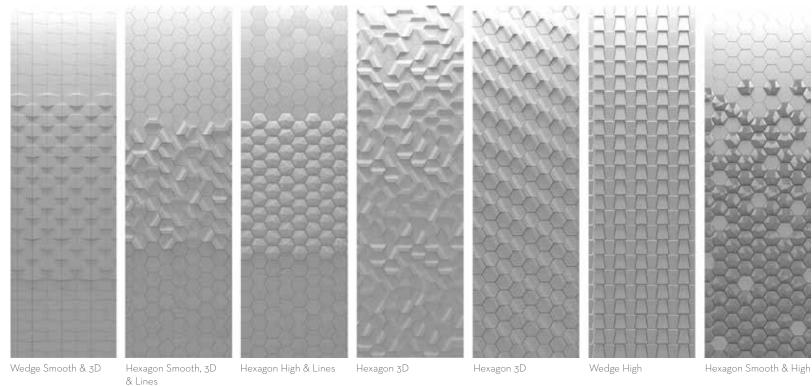


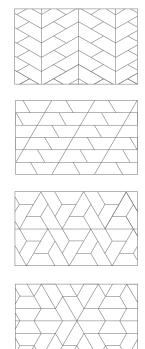
Gray Trapezoid



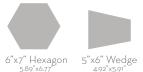
All Trapezoid Colors Available in Size 4"x9"

Unique Code Pattern Suggestions:











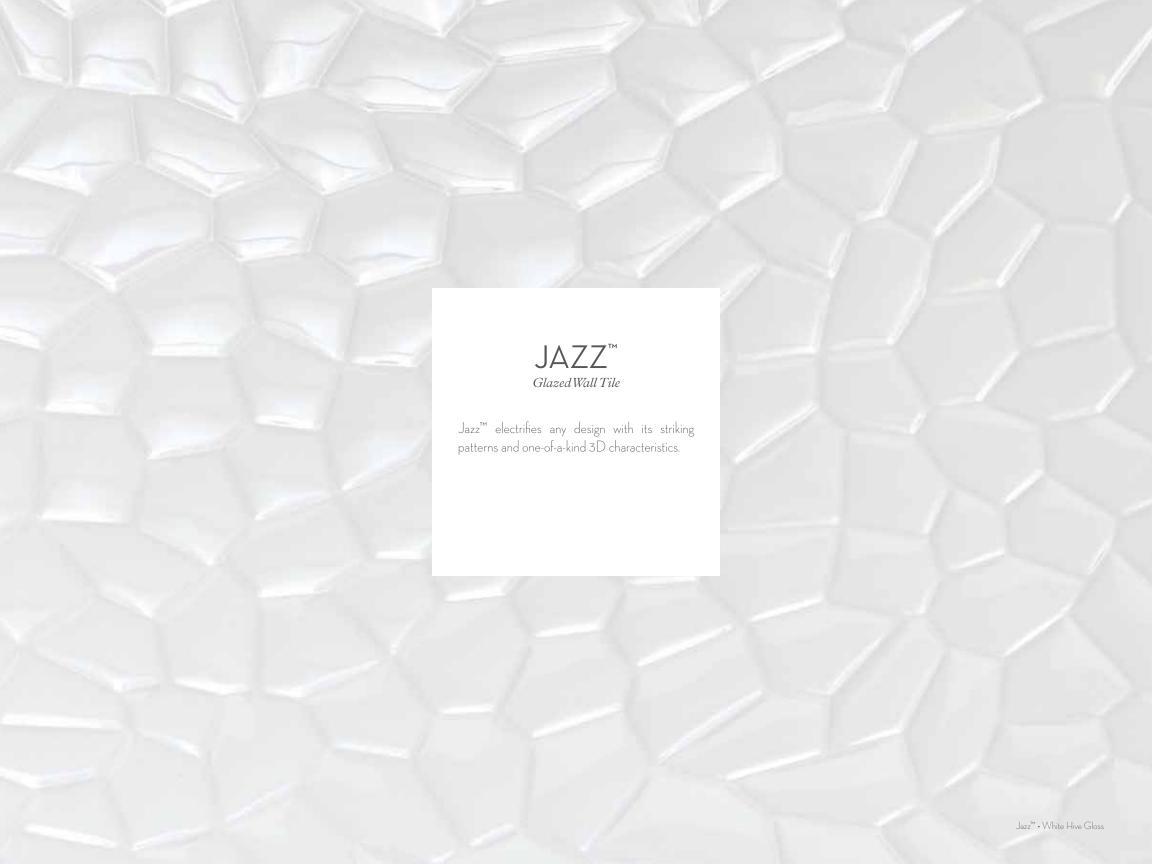
Hexagon S
Hexagon l
Hexagon I
Hexagon 3

Hexagon Smc	oth 5/16" Thic	kness
Hexagon Line	5/16" Thic	kness
Hexagon High	n 7/8" Thio	kness
Hexagon 3D	3/4" Thic	knes:

Wedge Smooth	5/16" Thickness
Wedge High	3/4" Thicknes
Hexagon 3D	3/4" Thicknes
Trapezoid	5/16" Thickness

Technical Specific				
Test Method	Shade Variation			
Results	V1			

Trapezoid Floor Patterns













All Patterns Available in Size 12"x24"
All Patterns Available in Matte & 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.	Technica	al Specifications
	Test Method	Shade Variation
12"×24" 11.81"×23.62"	Results	V1







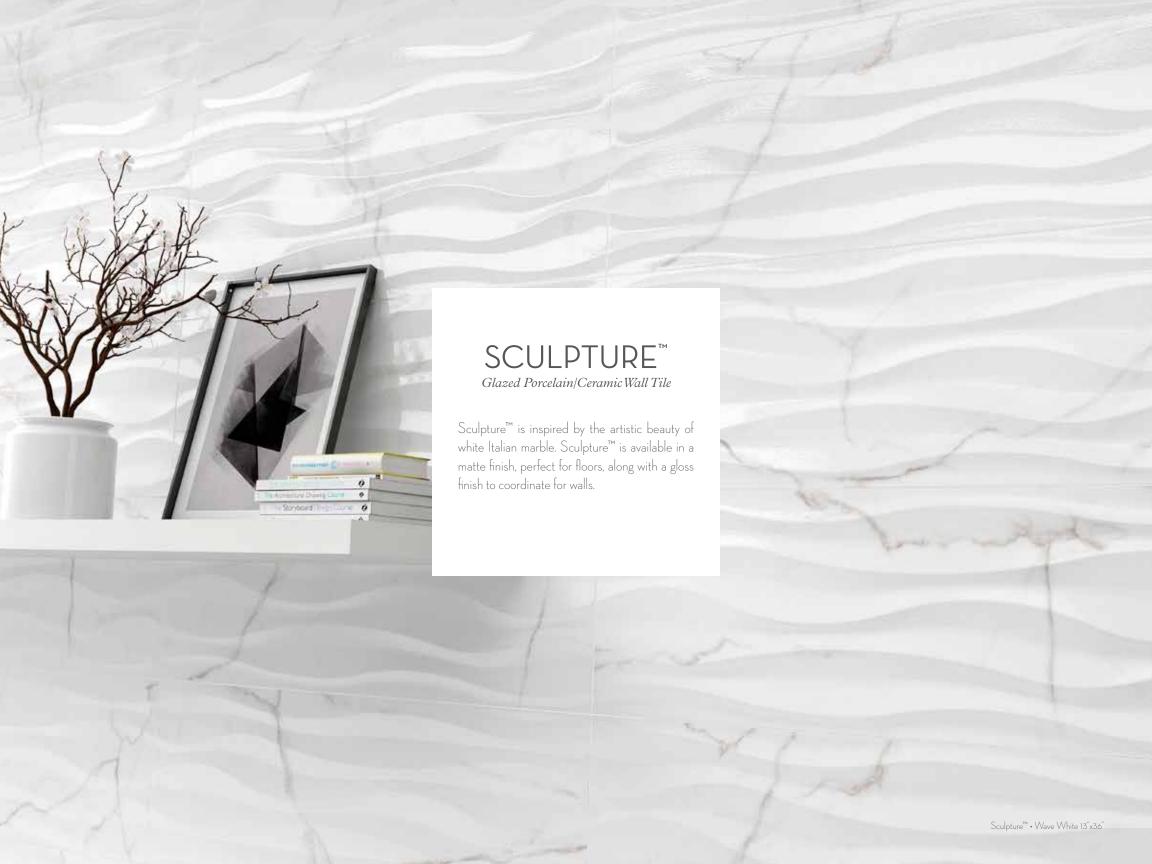






All Colors Available in Size 2"x10"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technica	al Specifications
	Test Method	Shade Variation
2″x1O″ 1.97″x9.87″	Results	V2













1 Color | 2 Patterns | 2 Sizes | 3/8" Thickness **Wall** | 7/16" Thickness **Floor**

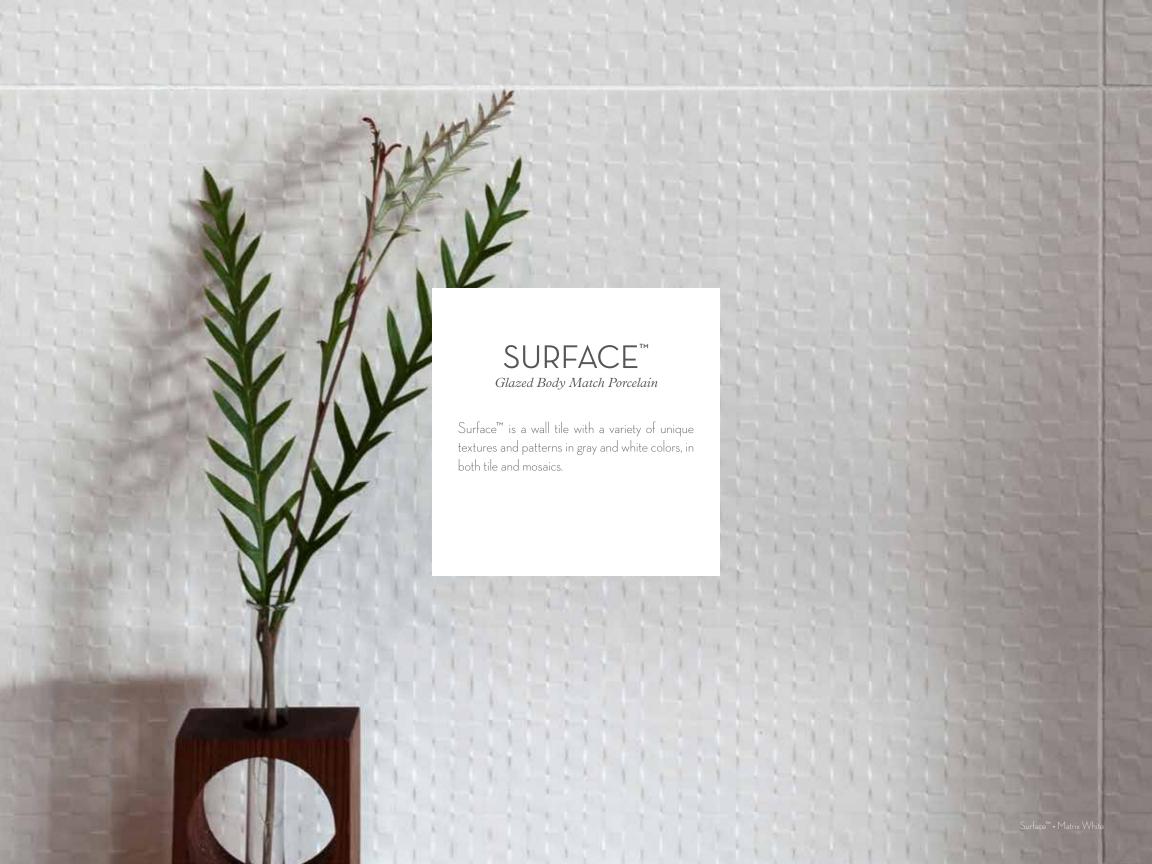


Flat White, Wave White Colors Available in Size 13"x36" Gloss Finish Suitable for Wall Applications

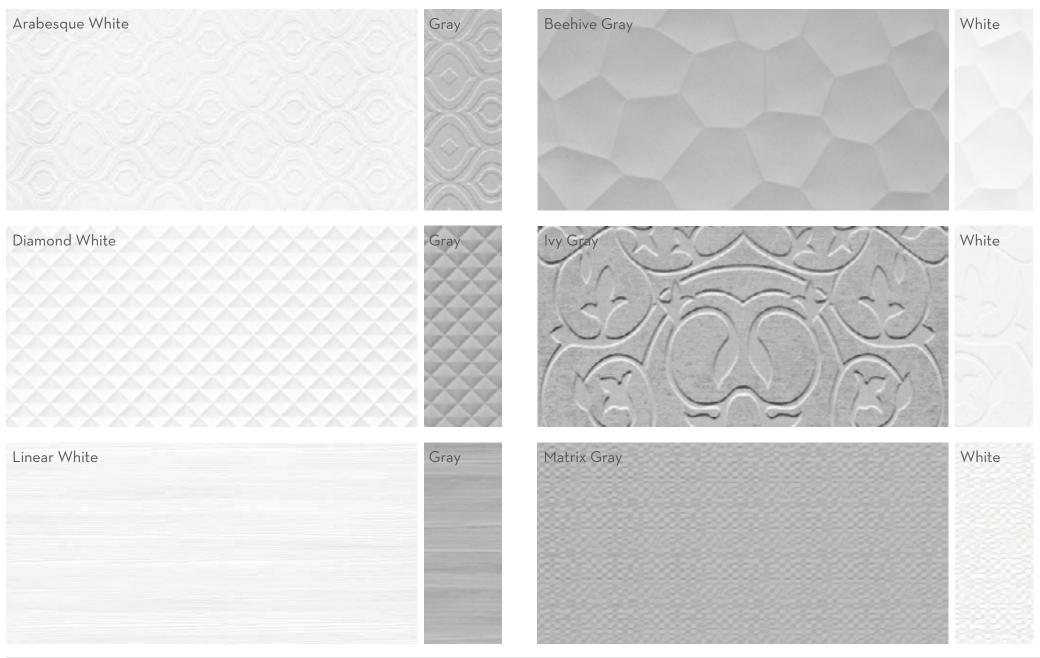


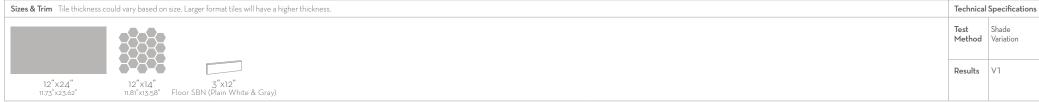
White Color Available in Size 12"x24" Matte Finish Suitable for Floor & Wall Applications

Sizes & Trim Tile thickness could var	ry based on size. Larger format tiles	ve a higher thickness.	Technic	al Specifications
			Test Method	Shade Variation
			Results	V2
13"x36" Wall 12.99"x35.83"	12"x24" Floor 11.89"x23.90"	.3"x12" -loor SBN		









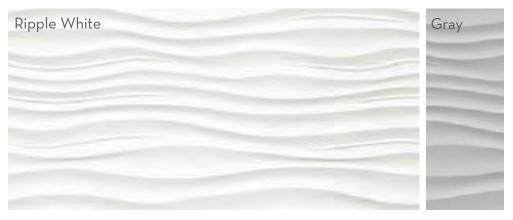


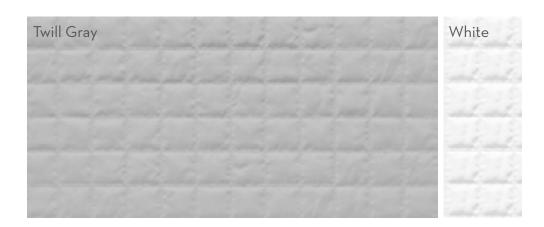












All Patterns & Colors Available in Size 12"x24"

Plain White Gray

Plain White, Gray Colors Available in Size 12"x24" | Suitable for Floor Applications

Mosaics



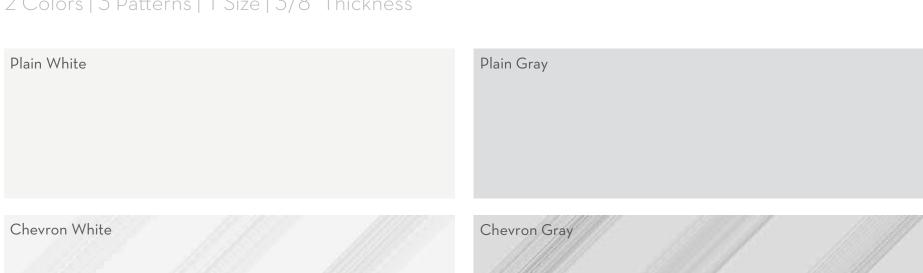
White Hexagon Mix on 12"x14" Mesh



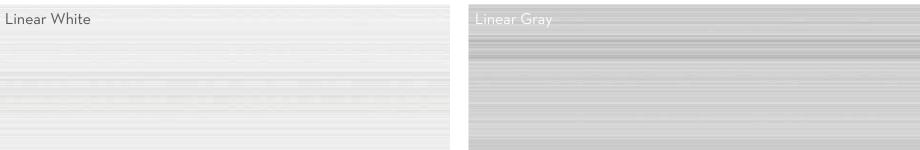
White/Gray Hexagon Mix on 12"x14" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Water Absorption C373	DCOF ANSI A137.1	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating	
	Results	1	≥ 250 lbf	Resistant	≤.5%	≥.42	Resistant	8	V1	
12"x24" 12"x14" 3"x12" 11.73"x23.62" 11.81"x13.58" Floor SBN (Plain White & Gray)										



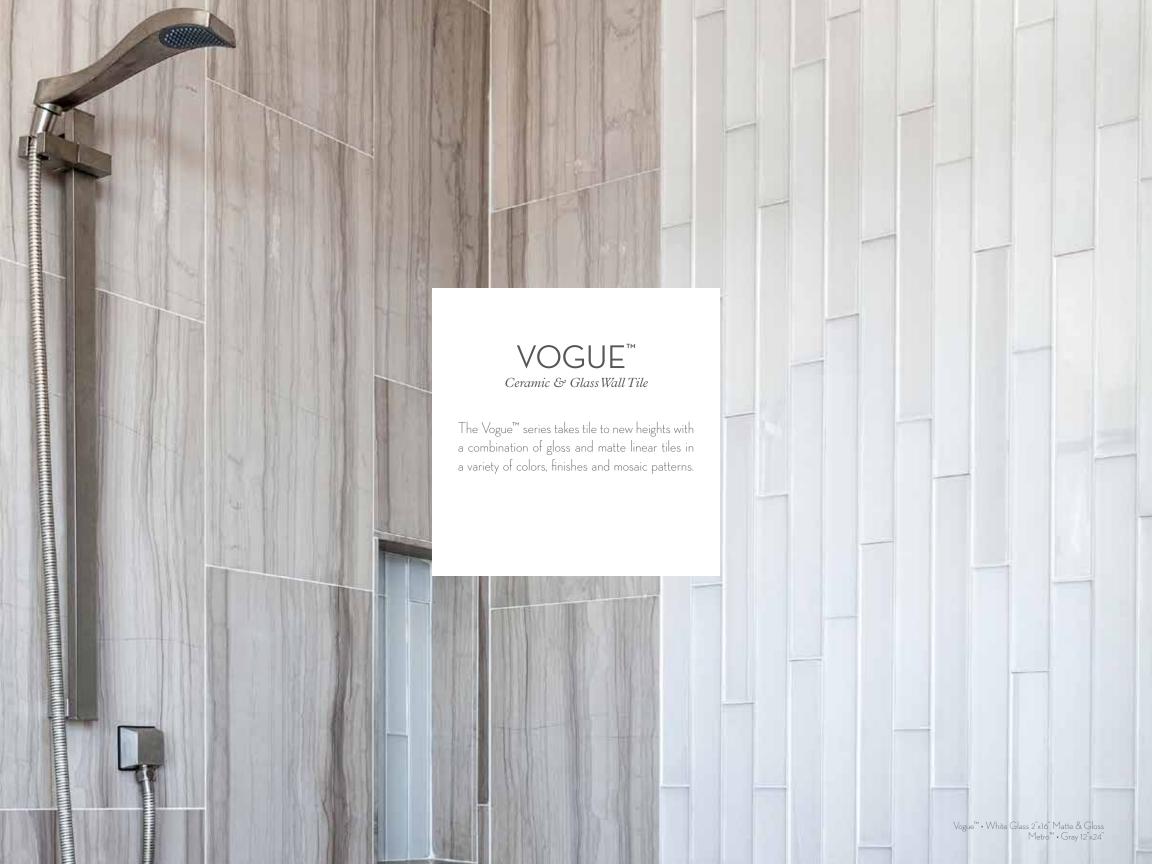






All Colors & Patterns Available in Size 10"x30"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.		Specifications
	Test Method	Shade Variation
10"x30" 9.84"x29.53"	Results	V2



White		
Biscuit		
Gray		
Taupe		
Graphite		
Black		

All Colors Available in Size 2"x16"

All Colors Available in Matte & Gloss Finish

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

Test Method Variation

Results V1

Ceramic Collection | 7 Colors | 1 Size | 3/8" Thickness



White & Gray Wave Colors Available in Size 4"x16" Gloss Finish

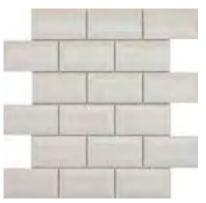




White 2"x4" Bevel on 12"x12" Mesh



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



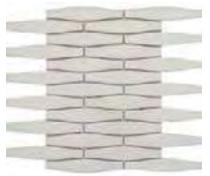
Gray 2"x4" Bevel on 12"x12" Mesh



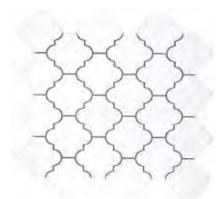
White Convex on 12"x12" Mesh



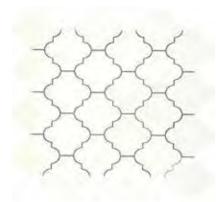
Biscuit Convex on 12"x12" Mesh



Gray Convex on 12"x12" Mesh



White Lantern on 10"x14" Mesh



Biscuit Lantern on 10"x14" Mesh



Gray Lantern on 10"x14" Mesh

All Mosaics Available in Matte & Gloss Finish

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

12"x12" Mesh







4"x16" Wall SBN 16" Side & 4" Side (Gloss & Matte) Biscuit, Gray, White, Graphite, Taupe, Black





_	49

0	1"x8" Quarter Round & 1"x1" Beak (Gloss & Matte)	Test	Shade
	Biscuit, Gray, White	Method	Variation
	6"x8" Cove Base & 1"x6" Corner (Gloss & Matte) Biscuit, Gray, White	Results	V1

Technical Specifications

Shade

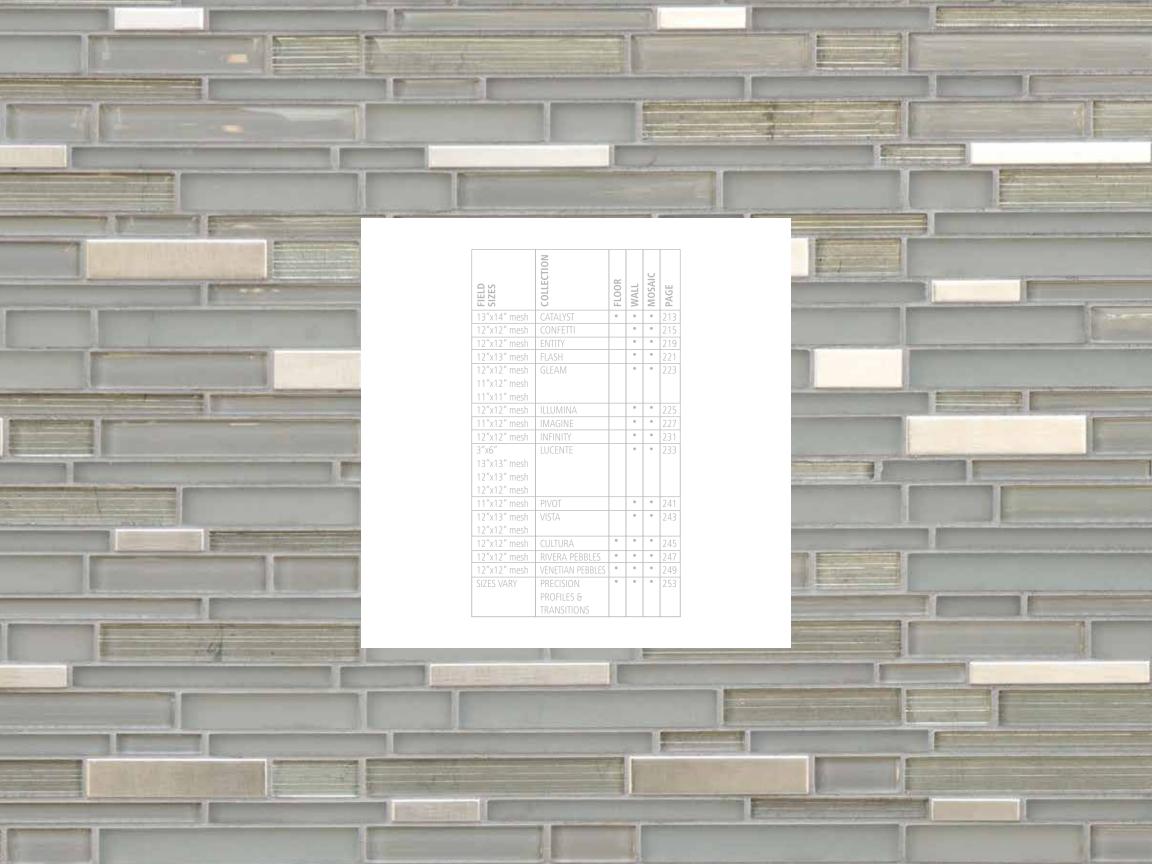
12"x12" Mesh 12.39"x12.22"

4"x16" Wall DBN Left & Right (Gloss & Matte) Biscuit, Gray, White, Graphite, Taupe, Black











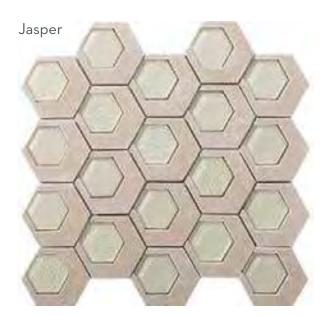








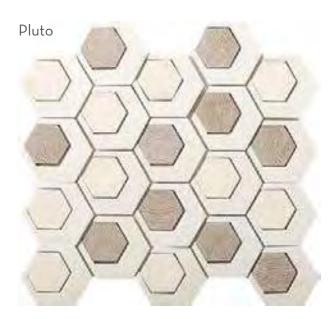












All Colors Available on 13"x14" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications								
	Test Method	Abrasion Resistance C1027	Breaking Strength C648	Chemical Resistance C650	Absorption	ANSI	Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating		
13"x14" Mesh 12.60"x13.62"	Results	Check Website	≥ 250 lbf	Resistant	≤.5%	≥.42	Resistant	3	V2		



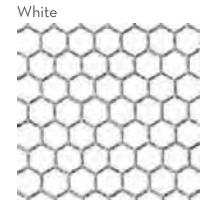
Hexagon Mosaics | 8 Colors | 1 Size | 5/16" Thickness



















All Colors Available on 12"x12" Mesh

Sizes & Trim Tile	thickness could vary bas	sed on size. Larger format tiles will have a higher thickness.	Technical	Specifications
	000000000000000000000000000000000000000		Test Method	Shade Variation
	••••••		Results	V1
2"x12" Mesh 12.05"x12.20"	12"x12" Mesh 11.80"x11.80"	12"x12" Mesh 11.80"x11.80"		

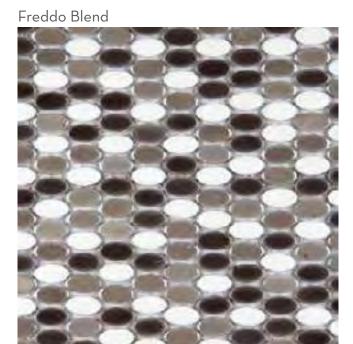
Penny Mosaics | 8 Colors | 1 Size | 5/16" Thickness



All Mosaics Available on 12"x12" Mesh







Gelido Blend







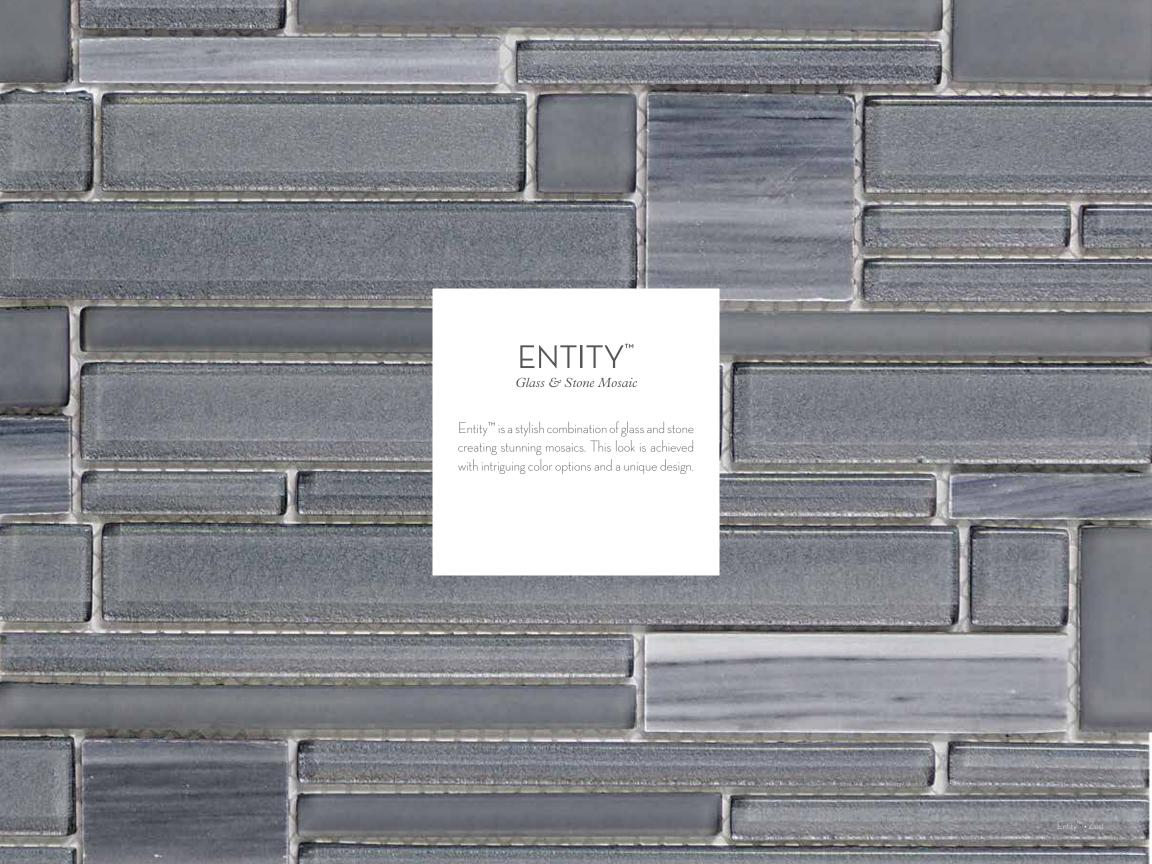






All Colors Available on 12"x12" Mesh

Sizes & Trim Tile t	hickness could vary ba	sed on size. Larger format tiles will have a higher thickness.	Technical S	Specific
	0000000000 00000000000 00000000000 00000			Shade Variatio
	••••••		Results	V1
12"x12" Mesh 12.05"x12.20"	12"x12" Mesh 11.80"x11.80"	12"x12" Mesh 11.80"x11.80"		









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.

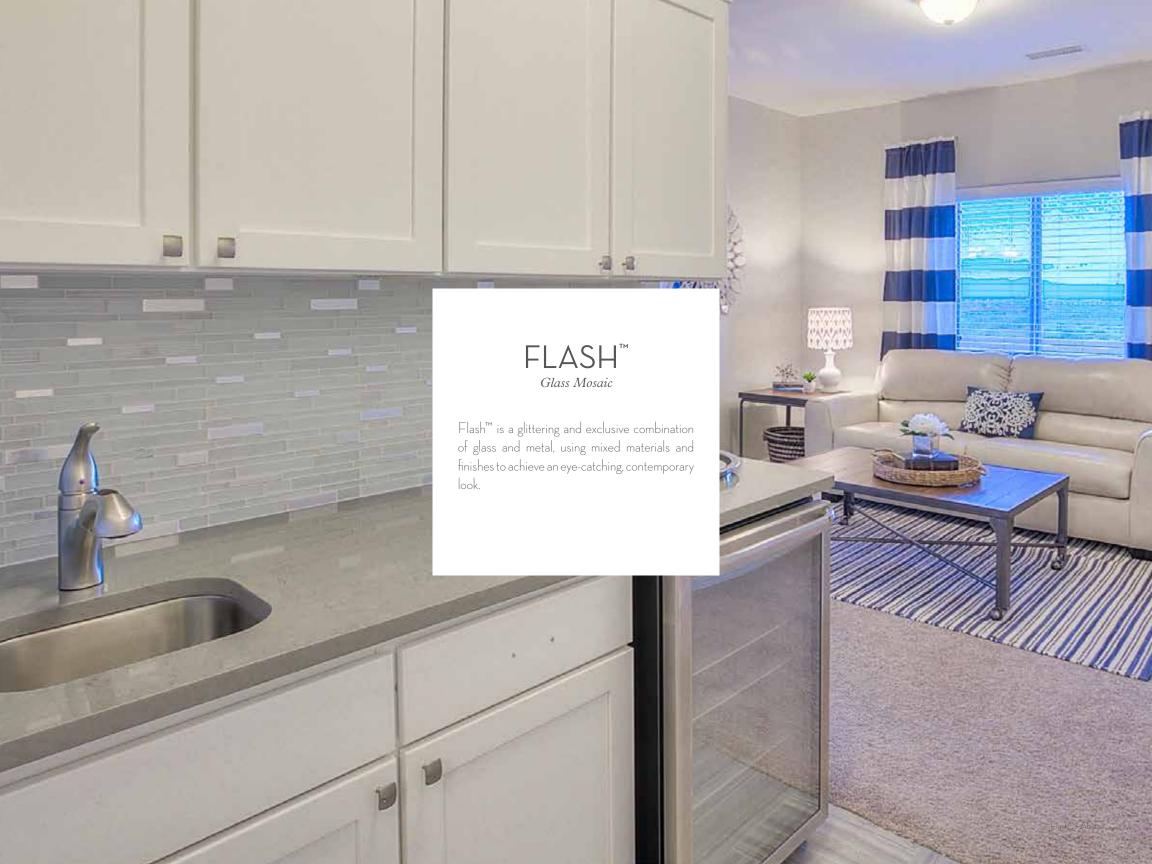


"x12" Mesh 11.81"x11.81"		

Technical Specifications

Test Shade Variation

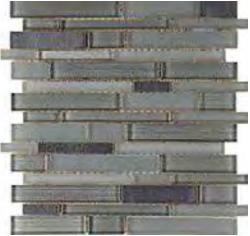
Results V2



Bright



Lambent



Sparkling Blend



Beaming



Brilliant



Illuminated



Radiant Blend



All Colors Available on 12"x13" Mesh

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



2"x13"	Mesh
12"x12	.75"

	12 X12./5					
Sander	Grout is not	recommended	as it will	scratch t	he metal t	exture

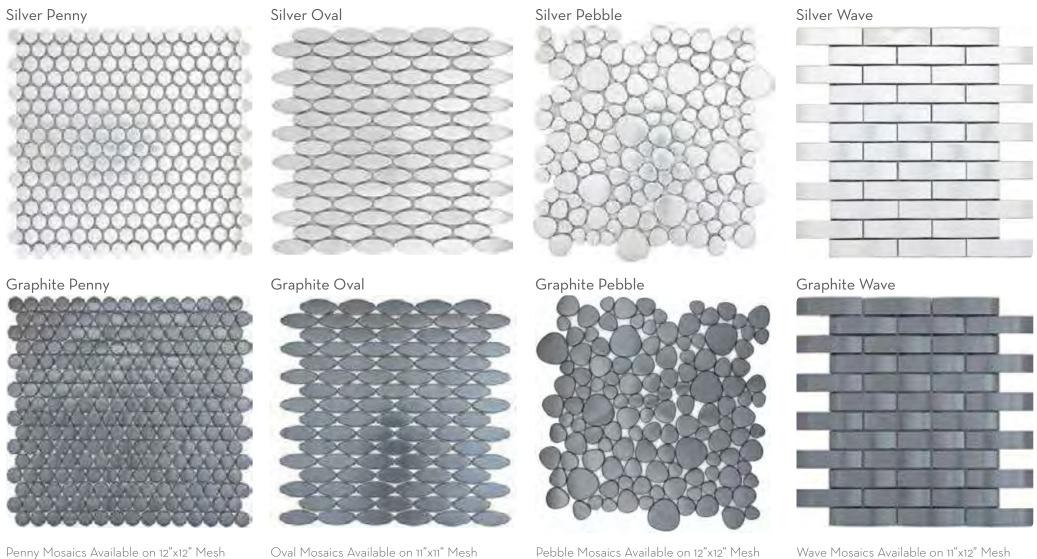
Technical Specifications

Shade Method Variation

Test

Results V1





Sizes & Trim Tile t	hickness could vary bas	sed on size. Larger for	mat tiles will have a higher thickness.	Technical	Specifications
***************************************				Test Method	Shade Variation
***************************************				Results	V1
12"x12" Mesh 12.40"x11.61"	11"x11" Mesh	12"x12" Mesh	11"x12" Mesh 11.02"x11.50"		





Glow



Highlight



Halo



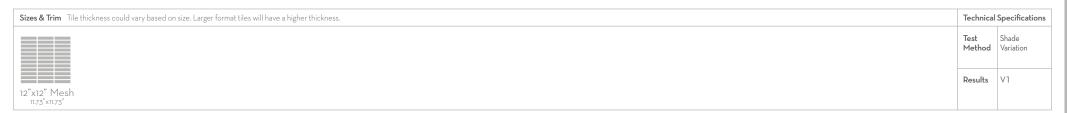
Luster

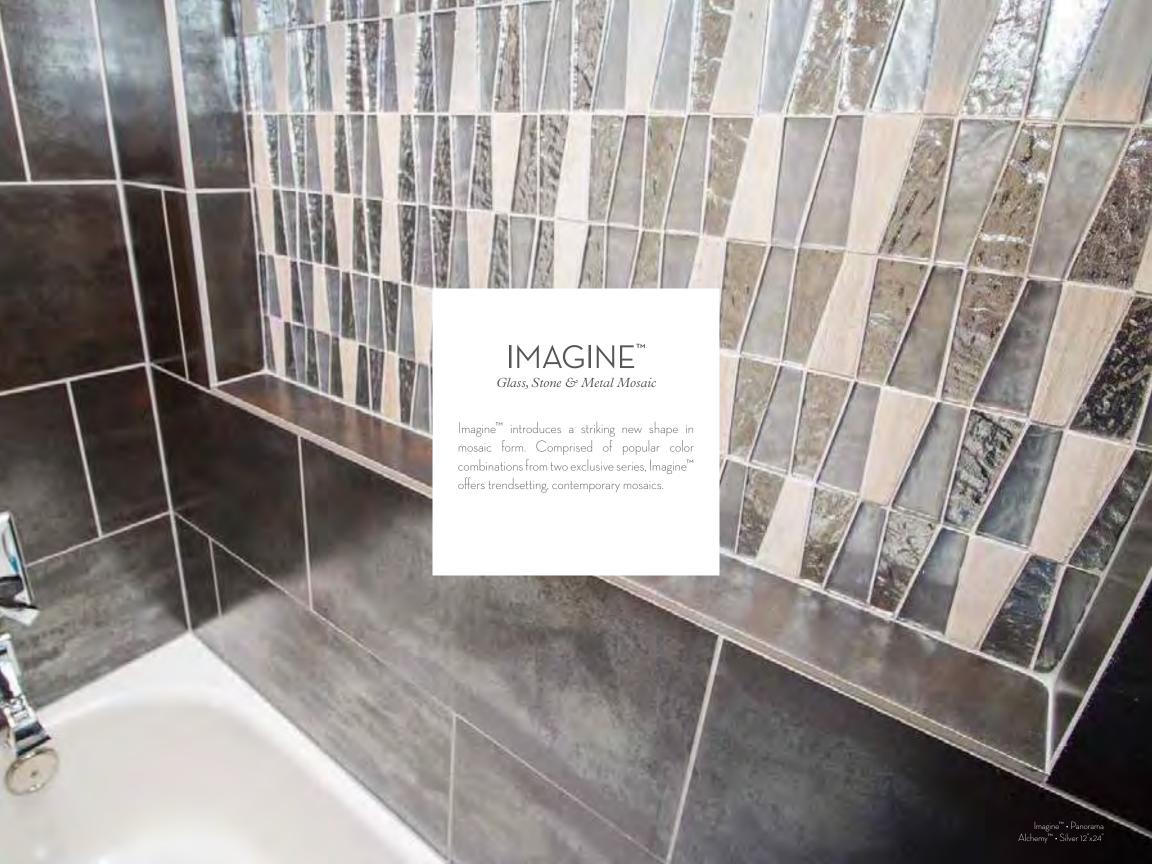


Shimmer



All Colors Available on 12"x12" Mesh









Ablaze



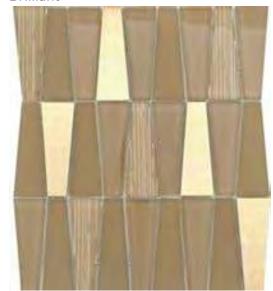
Beaming



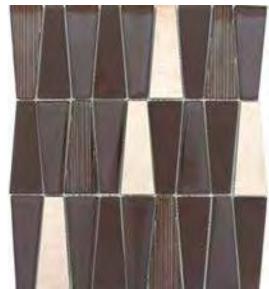
Bright



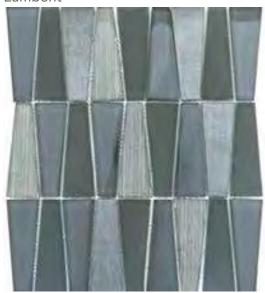
Brilliant



Illuminated



Lambent



All Colors Available on 11"x12" Mesh

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



VAVAVAVAVAV						
11"x12" Mesh 10.94"x11.81"						
1.16	-	7	- 11	-11	4.1.4	

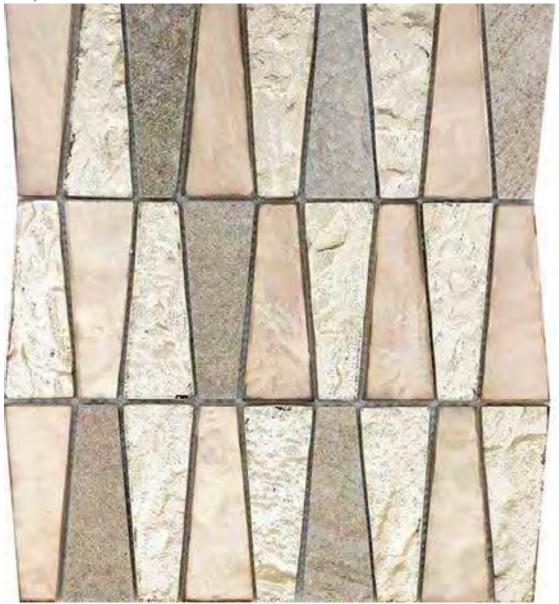
Test

Results V1

Shade Method Variation



Prospect



lmagine™ • Backdrop



Backdrop



Panorama



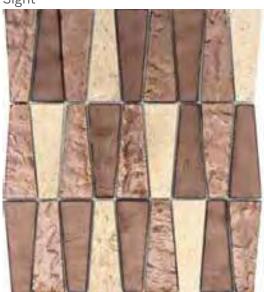
Reach



Scene



Sight



View



All Colors Available on 11"x12" Mesh

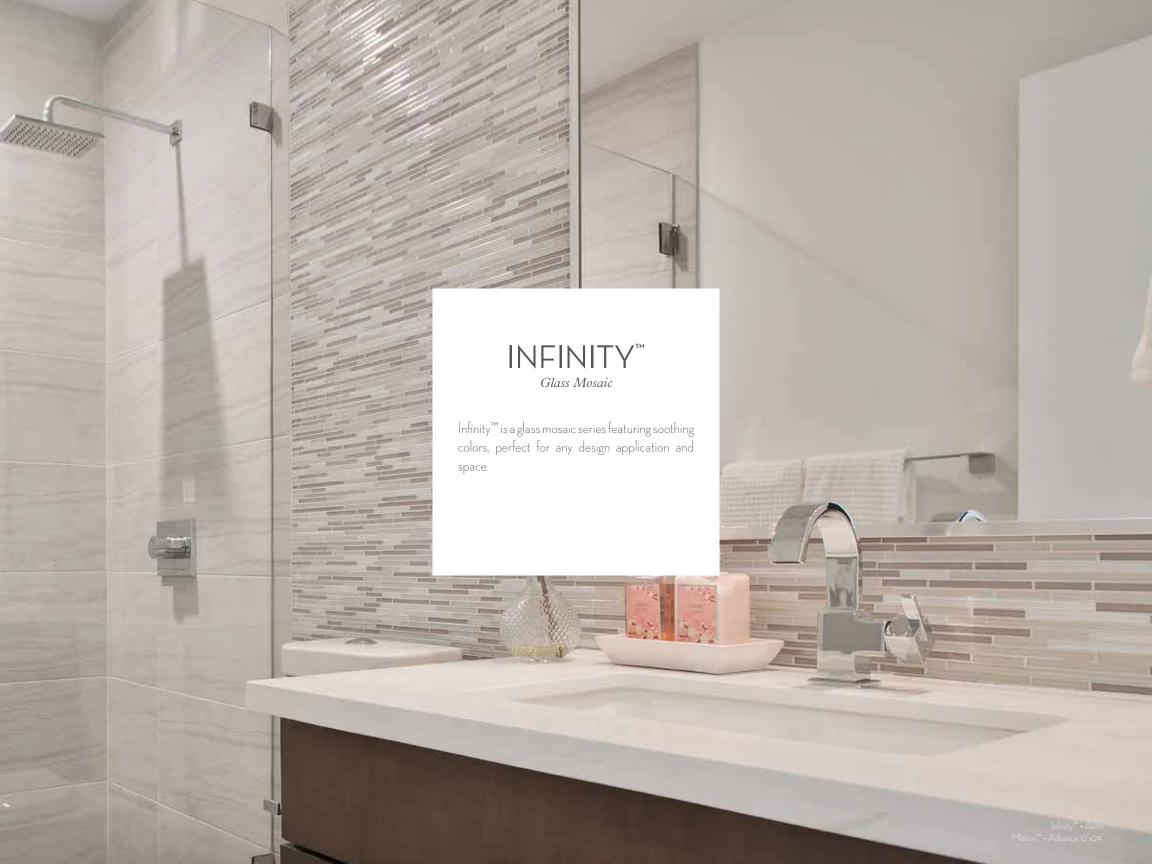
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.



11"x12" 10.94"

	Test Method	Shade Variation	
	Results	V1	
K12" Mesh 0.94"xn81"			
			_

Technical Specifications







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.	Technical	Specifications
	Test Method	Shade Variation
12"x12" Mesh 11.73 x11.73"	Results	V1









Billiard Green





Cream













Sunflower

All Colors Available in Size 3"x6"

Blanc Linear Mosaic





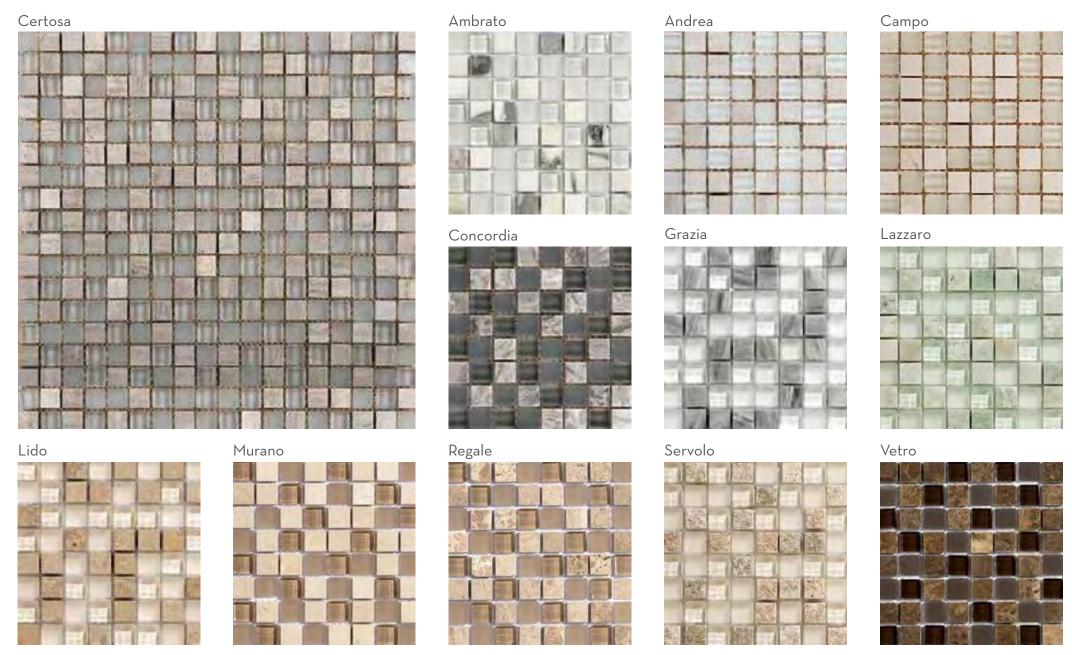




All Linear Mosaics Available on 12"x13" Mesh

Sizes & Trim Til	thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	Specifications
_		Test Method	Shade Variation
	→ > 6	Results	V1
3"x6" 3.15"x6.42"	12"x13" Mesh 11.80'x12.70'		

Glass & Stone Mosaics | 12 Colors | 1 Size | 5/16" Thickness



All Colors Available in 5/8"x5/8" on 12"x12" Mesh

Glass & Stone Pattern Mosaics | 12 Colors | 1 Size | 5/16" Thickness











Ambrato



Andrea



Campo



Concordia



Grazia



Lazzaro



Lido



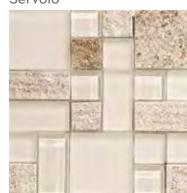
Murano



Regale



Servolo



Vetro



All Colors Available on 13"x13" Mesh

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness. Technical Specifications Test Shade Method Variation Results 12"x12" Mesh 13"x13" Mesh

Glass & Stone Linear Mosaics | 15 Colors | 1 Size | 5/16" Thickness



Glass & Stone Wave Mosaics | 12 Colors | 1 Size | 5/16" Thickness











Andrea



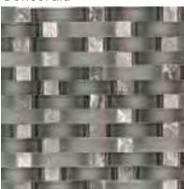
Campo



Certosa



Concordia



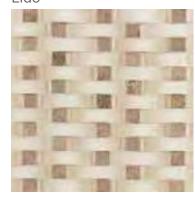
Grazia



Lazzaro



Lido



Murano



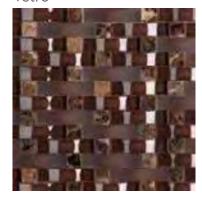
Regale



Servolo



Vetro



All Colors Available on 12"x13" Mesh

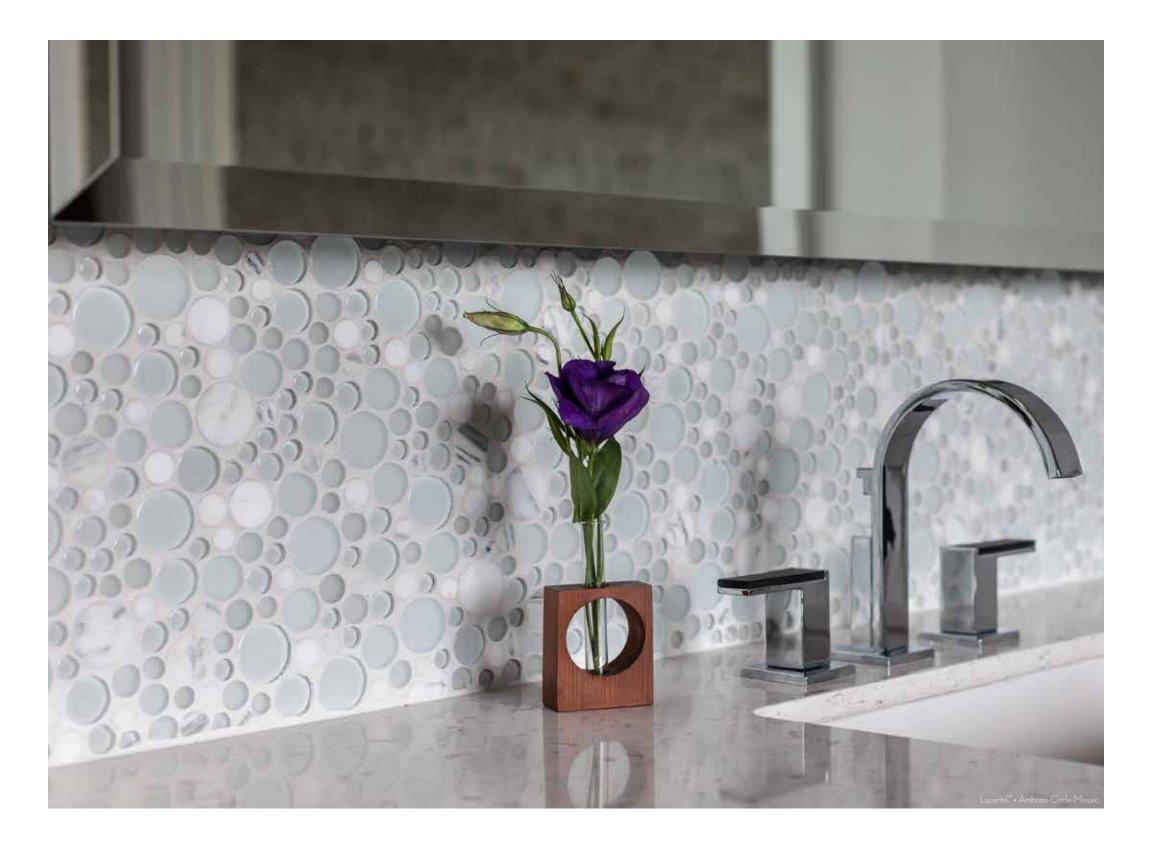
Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.



12"x13" Mesh 11.80"x12.70"



Technical Specifications			
Test Method	Shade Variation		
Results	V1		





Andrea

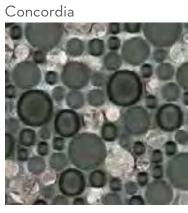


Ambrato









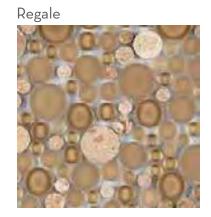


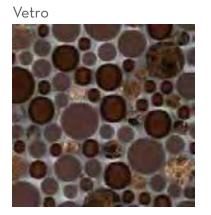






Glass & Stone Circle Mosaics | 11 Colors | 1 Size | 5/16" Thickness





All Colors Available on 12"x12" Mesh

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











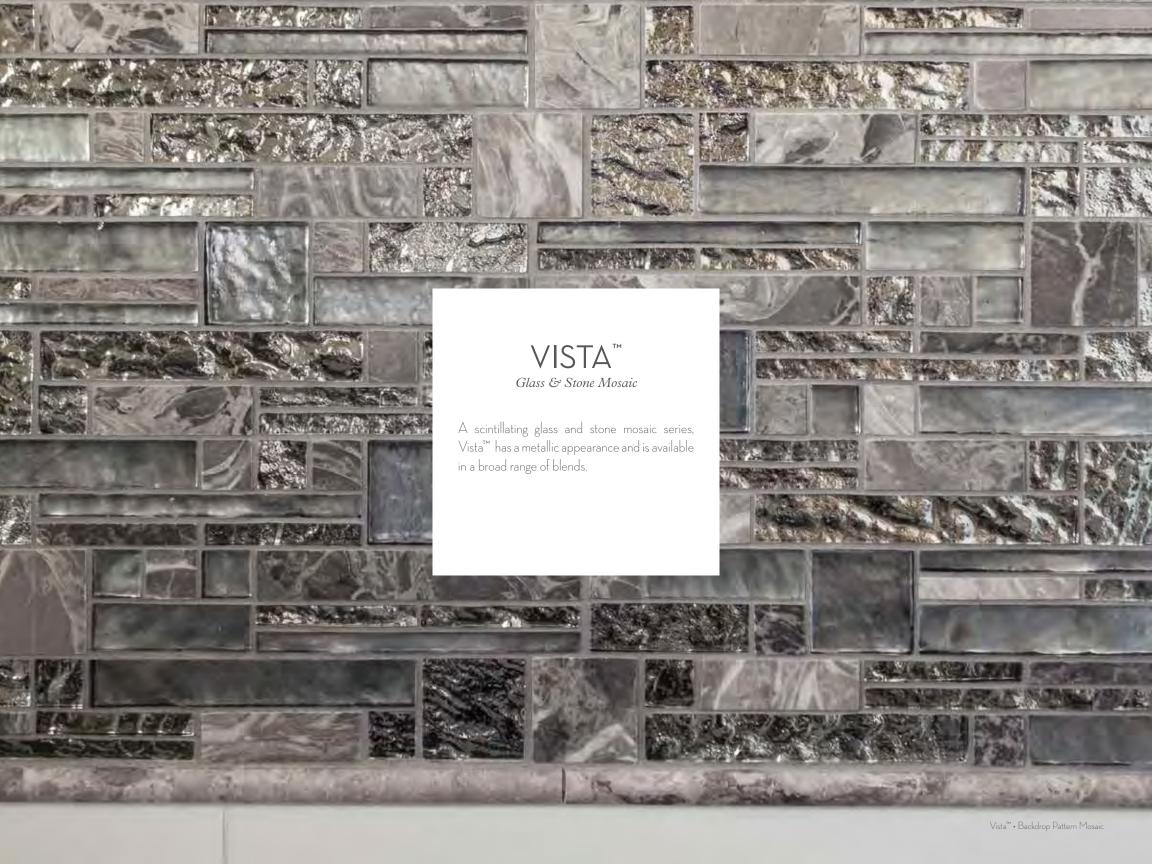


All Colors Available on 11"x12" Mesh

 $\textbf{Sizes \& Trim} \quad \text{Tile thickness could vary based on size. Larger format tiles will have a higher thickness.}$

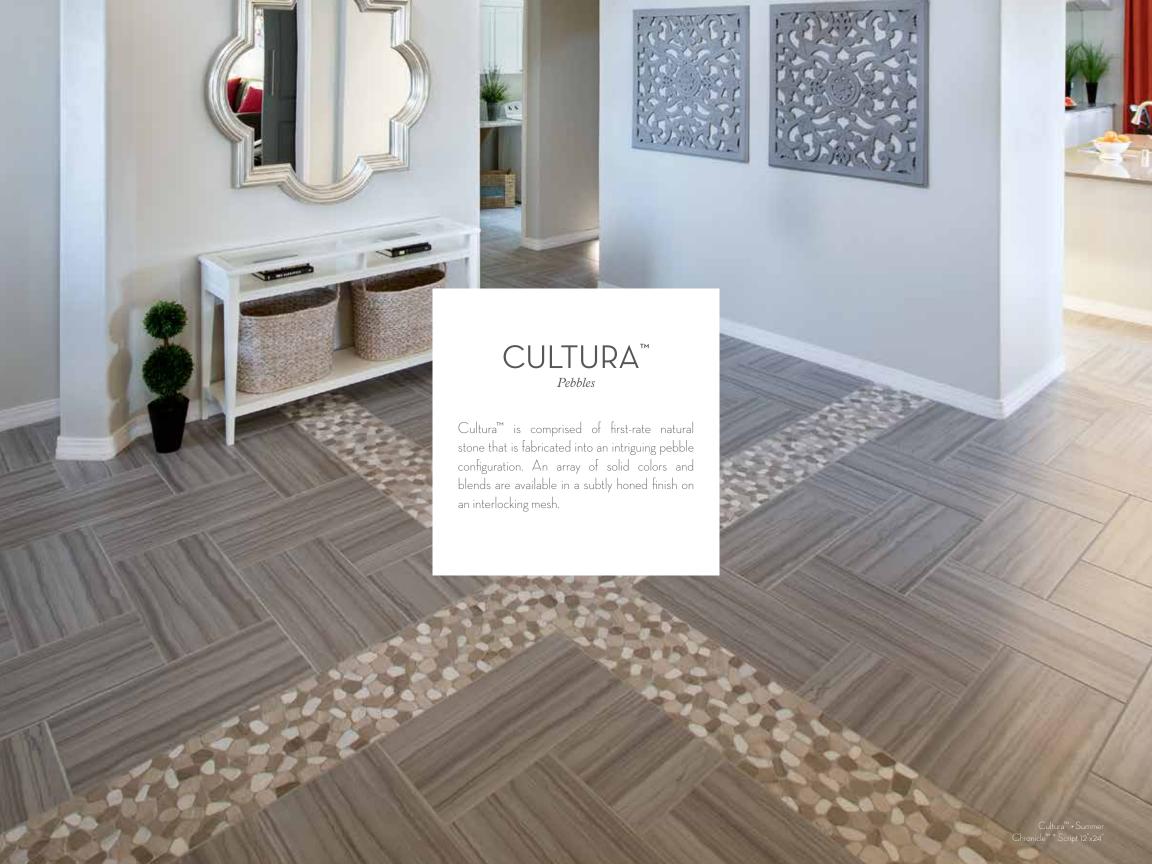


Technical	Specifications	
Test Method	Shade Variation	
Results	V1	



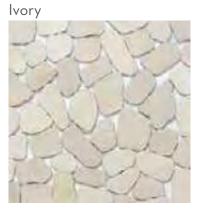


Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.			Technical Specifications	
			Test Method	Shade Variation
			Results	V2
12" X	12" Mesh 81"x11.81"	12"x13" Mesh 12.40"x13.10"		











Gray

Silver











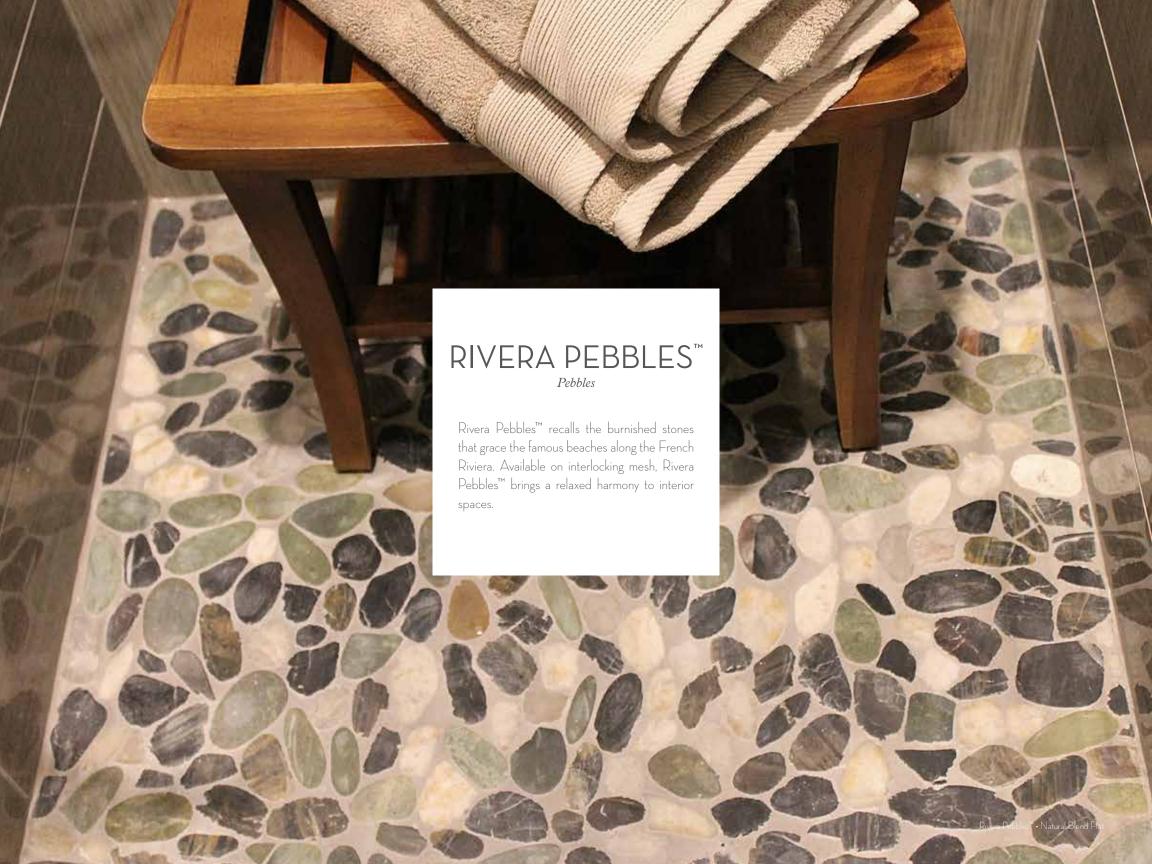


All Colors Available on 12"x12" Mesh

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



Technical Specifications	
Test Method	Shade Variation
Results	V2









10 Colors | 1 Size | 3/8" Thickness

All Colors Available on 12"x12" Mesh



Forest Flat

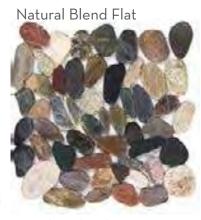














Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.



Technical Specifications			
Test Method	Shade Variation		
Results	V2		















All Colors Available on 12"x12" Mesh



Graphite



Pastel Blend



Tan



Multicolor



Gelato Blend



Silver



Medici Blend



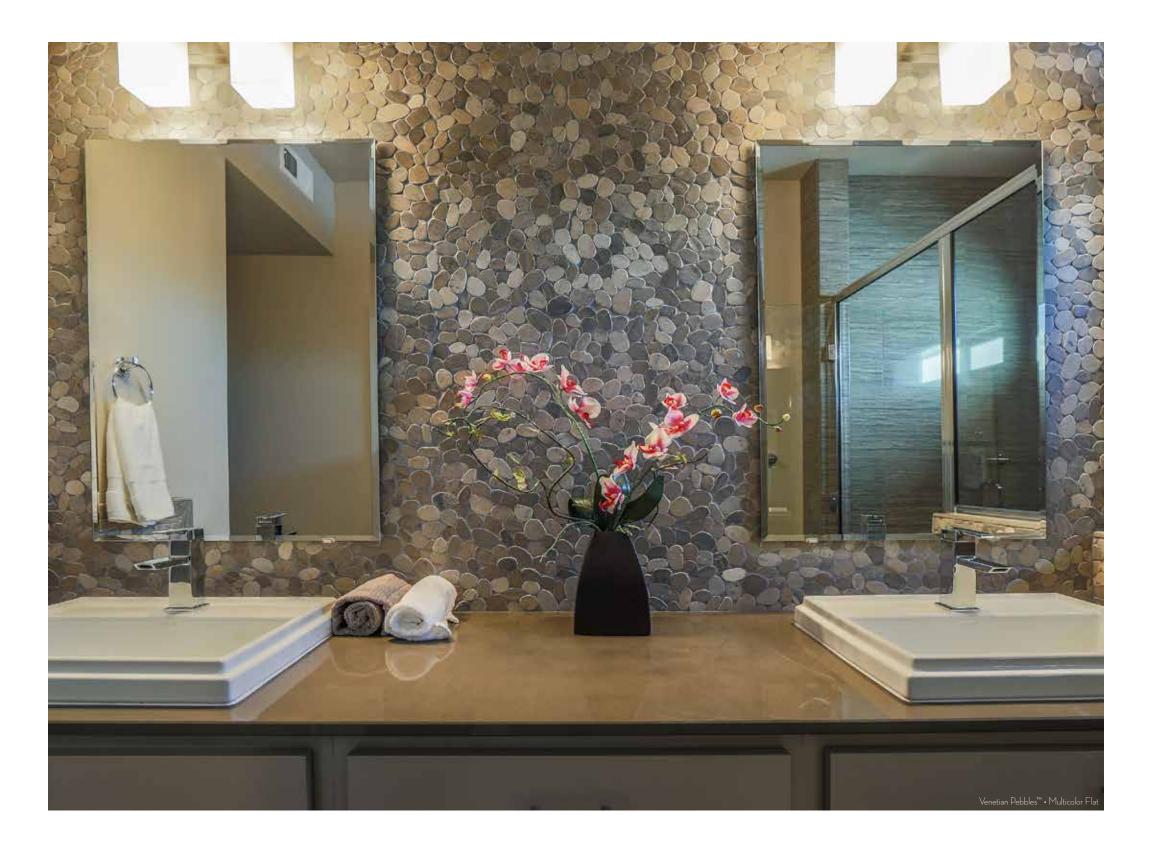
4 Color Blend



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



Technical Specifications			















All Colors Available on 12"x12" Mesh



Graphite Flat



Pastel Blend Flat



Tan Flat



Multicolor Flat



Gelato Blend Flat



Silver Flat



Medici Blend Flat



4 Color Blend Flat



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



Technical Specifications		
Test Method	Shade Variation	
Results	V2	



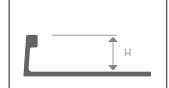






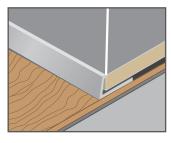






Flat Tile Edge protects tile from damage while providing a finished butting edge for other flooring materials. Pre-punched for easy setting into adhesive.

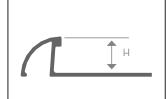
LENGTH: 8 FT | PACK SIZE: 25 PCS



PROFILE		AVAILABLE FINISHES			
NUMBERS	HEIGHT (H)	BCL Bright Clear	SCA Satin Clear Anodized	MIL Mill Finish	STI Satin Titanium
ZMBCM2150	5/16"(8mm)			1	
ZMBCM2151	3/8"(10mm)			1	
ZMBCM2152	1/2"(12.5mm)			1	

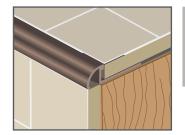
ROUND TILE EDGE & CORNERS





Round Tile Edge protects the edge of tile from chipping, provides a 90-degree corner, and can be used with inside and/or outside corners. Pre-punched for easy setting into adhesive, round inside and outside corners are used to finish and protect tile edges and join two pieces.

LENGTH: 8 FT | PACK SIZE: 25 PCS | CORNER PACK SIZE: 10 PCS



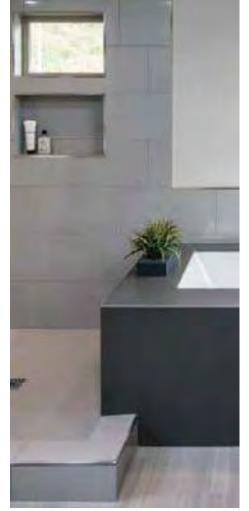
		AVAILABLE FINISHES		
PROFILE NUMBERS	HEIGHT (H)	SCA Satin Clear Anodized	STI Satin Titanium	SAB Satin Antique Bronze
ZMBCM2251	3/8"(10mm)			
ZMBCM2252	1/2"(12.5mm)			

VERS	Outside Corner
CORN	Inside Corner

OUTSIDE CORNER	INSIDE CORNER	
ZMBET5008_OC	ZMBET5008_IC	5/16"(8mm)
ZMBET5110_OC	ZMBET5110_IC	3/8"(10mm)
ZMBET5212_OC	ZMBET5212_IC	1/2"(12.5mm

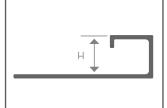






SQUARE TILE EDGE & CORNER





Square Tile Edge can be used to finish and protect the outer edge of tiled walls, floors and backsplashes. The dual purpose corner can be used for inside and outside applications. This profile can also be used as an accent with a feature strip or listello border providing a sleek, contemporary look with clean lines formed by the square edge.

LENGTH: 8 FT | PACK SIZE: 12 PCS | CORNER PACK SIZE: 10 PCS

|--|

DDOE!! F		AVAILABLE FINISHES		
PROFILE NUMBERS	HEIGHT (H)	BCL Bright Clear	SCA Satin Clear Anodized	
ZMBCM2351	3/8"(10mm)			
ZMBCM2350_CR	5/16"(8mm)			



ZMBCM2350_CR 5/16"(8mm)

ZMBCM2351_CR 3/8"(10mm)

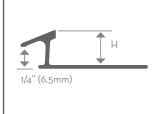
ZMBCM2352_CR 1/2"(12.5mm)





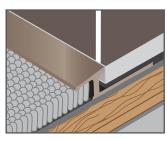
TILE ADAPTER





Tile Adapter is used where tiles meet low pile carpet or other 1/4" (6.5mm) flooring. Pre-punched for easy setting into adhesive.

LENGTH: 8 FT | PACK SIZE: 12 PCS



PROFILE		AVAILABLE FINISHES		
NUMBERS HE	IGHT (H)	SCA Satin Clear Anodized	STI Satin Titanium	

ZMBCM2161 3/8"(10mm)











TILE REDUCER

1/8" (3mm) Н

Tile Reducer has a sloped face to create a smooth transition between tile and adjacent surfaces, such as resilient tile or sheet goods. Pre-punched for easy setting into adhesive.

LENGTH: 8 FT | PACK SIZE: 12 PCS

3331 W	

PROFILE		AVAILABLE FINISHES		
NUMBERS	HEIGHT (H)	SCA Satin Clear Anodized	STI Satin Titanium	

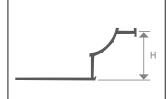
ZMBCM2171 3/8"(10mm)





CERAMIC COVE & CORNERS



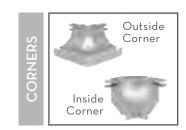


The Ceramic Cove profile along with its "one-size-fits-all" inside and outside corners, is designed for sanitary base applications to prevent dirt build-up in tight grooves with its wide-faced cove. It is typically used for floor-to-wall and/or countertop-to-backsplash transitions in commercial kitchens, washrooms and any other tiled environment where sanitation is necessary.

LENGTH: 8 FT | PACK SIZE: 25 PCS | CORNER PACK SIZE: 10 PCS



		AVAILABLE FINISHES		
PROFILE NUMBERS	HEIGHT (H)	BCL Bright Clear	SCA Satin Clear Anodized	STI Satin Titanium
ZMBCM2450	5/16"(8mm)			
ZMBCM2451	3/8"(10mm)			
ZMBCM2452	1/2"(12.5mm)			







INSIDE CORNER ZMBET2400_ICR



ONE SIZE







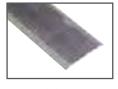
ALUMINUM TILE TRIM FEATURES



BCL BRIGHT CLEAR



SCA SATIN CLEAR ANODIZED



MIL MILL FINISH



STI SATIN TITANIUM



SATIN ANTIQUE BRONZE

DISCLAMIER: DO NOT USE MILL FINISH IN WET AREAS. MILL product is aluminum in its raw state, therefore there is a high risk of oxidization on the product and staining on the tile and/or grout when it is used in wet areas. Finishes may not appear exactly as shown. Please request a sample prior to ordering.

STAINLESS STEEL TILE EDGE & CORNERS



STS
BRUSHED
STAINLESS STEEL

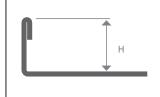


DISCLAIMER: Stainless Steel finish may not appear exactly as shown. Please request a sample prior to ordering.

Emser Tile's Signature Series now includes a cost effective, premium quality stainless steel trim solution. These solid stainless steel tile trims and corners provide strength and durability for numerous applications without sacrificing style or finishing flare with a subtly brushed finish. Stainless steel trims are typically selected for more challenging applications where aluminum just won't do the trick. Exterior, wet and/or sanitary environments most commonly call for stainless steel due to the unique rust-resistant and inert properties of this material.

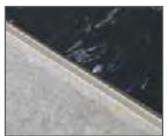
FLAT TILE EDGE - STS





Flat Tile Edge protects tile from damage while providing a finished butting edge for other flooring materials. Pre-punched for easy setting into adhesive.

LENGTH: 8 FT | PACK SIZE: 5 PCS



PROFILE	UEICUT (U)	AVAILABLE FINISH	
NUMBERS	HEIGHT (H)	STS Brushed Stainless Steel	
ZMBCM2141STS08	3/8"(10mm)		
ZMBCM2142STS08	1/2"(12.5mm)		



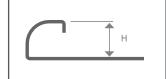






ROUND TILE EDGE & CORNERS -STS





Round Tile Edge protects the edge of tile from chipping, provides a 90-degree corner, and can be used with inside and/or outside corners to finish or join two pieces. Pre-punched for easy setting into adhesive.

LENGTH: 8 FT | PACK SIZE: 5 PCS | CORNER PACK SIZE: 10 PCS



PROFILE	UEICUT (U)	AVAILABLE FINISH
NUMBERS	HEIGHT (H)	STS Brushed Stainless Steel
ZMBCM2241STS08	3/8"(10mm)	
ZMBCM2242STS08	1/2"(12.5mm)	

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OUTSIDE CORNER

ZMBET2241STSOCR

ZMBET2242STSOCR

INSIDE CORNER

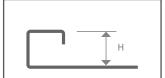
ZMBET2241STSICR

ZMBET2242STSICR



SQUARE TILE EDGE & CORNERS -STS





Square Tile Edge can be used to finish and protect the outer edge of tiled walls, floors and backsplashes. Square inside and outside corners can be used to finish and protect 90-degree corner edges of exposed tile and provide a sleek, contemporary look with clean lines formed by the square edge.

LENGTH: 8 FT | PACK SIZE: 5 PCS | CORNER PACK SIZE: 10 PCS



PROFILE	UEICUT (U)	AVAILABLE FINISH
NUMBERS	HEIGHT (H)	STS Brushed Stainless Steel
ZMBCM2341STS08	3/8"(10mm)	
ZMBCM2342STS08	1/2"(12.5mm)	





OUTSIDE CORNER

ZMBET2341STSOCR

ZMBET2342STSOCR

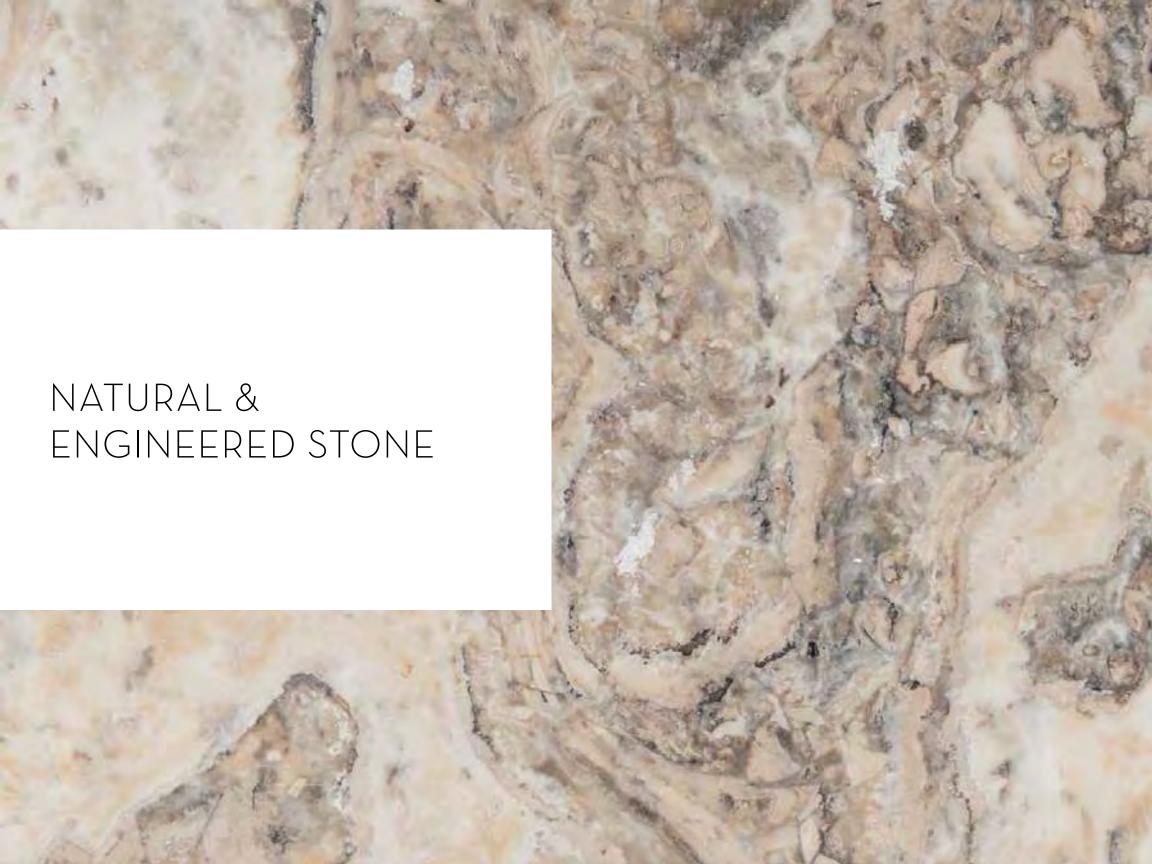
INSIDE CORNER

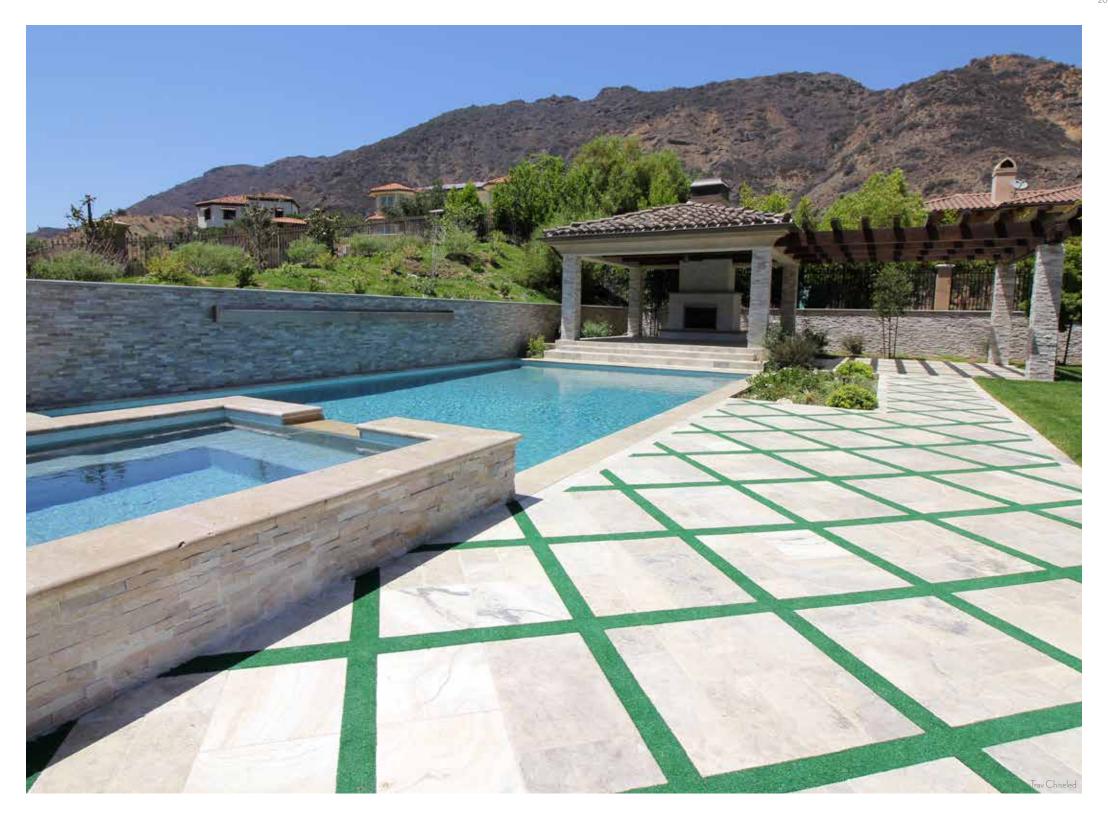
ZMBET2341STSICR

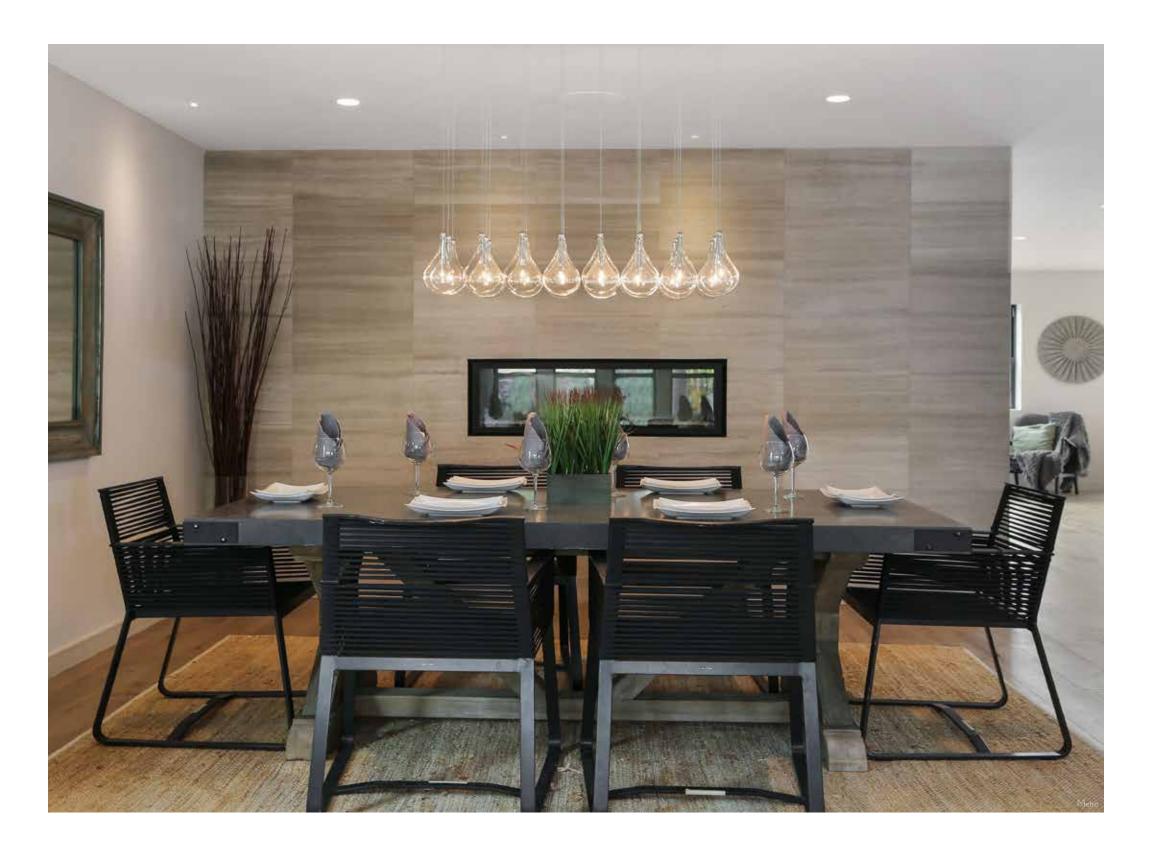
ZMBET2342STSICR







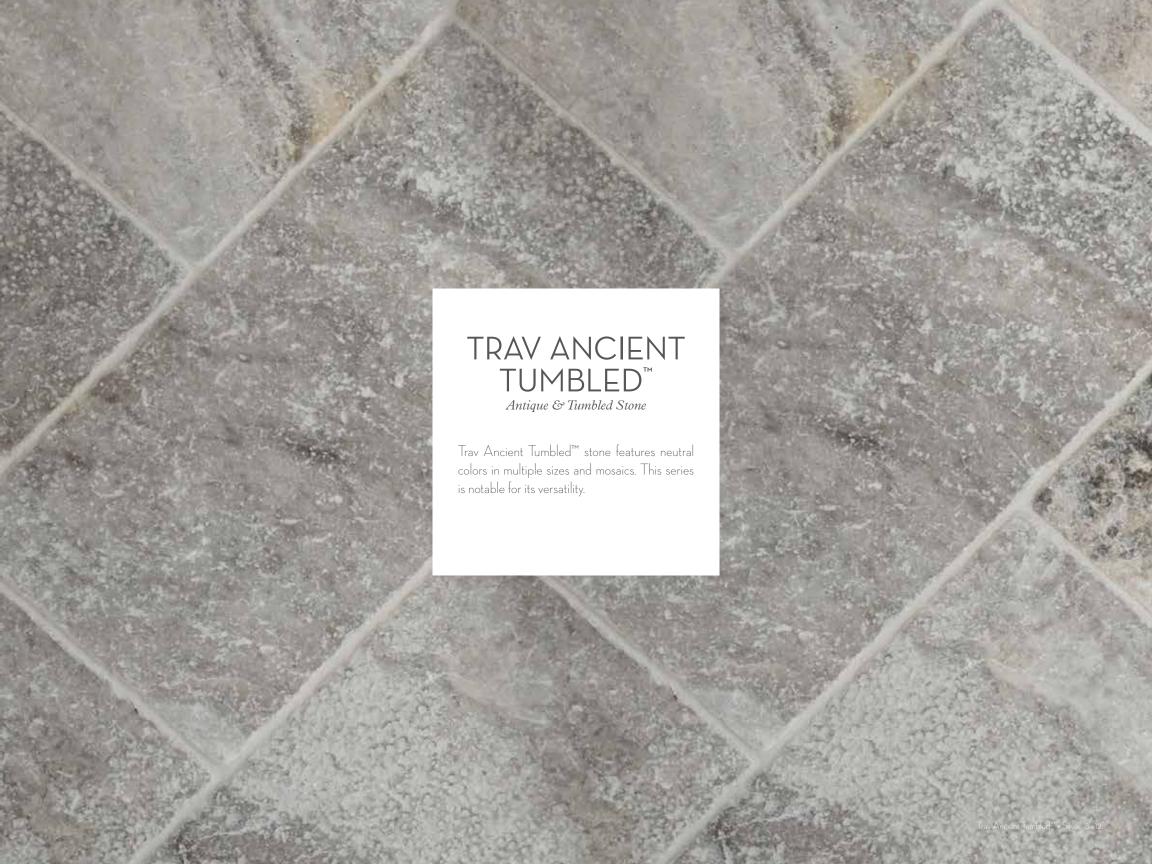




SIZES	COLLECTION	FLOOR	WALL	MOSAIC	PAGE
16"x24"	TRAV ANCIENT	0	0	0	263
16"x16"	TUMBLED				
12"x12"					
8"x16"					
8"x12"					
8"x8"					
6"x6"					
4"x8"					
4"x4"					
3"x6"					
16"x24"	TRAV CHISELED	0	0		269
16"x16"					
8"x16"					
8"x8"					
16"x16"	TRAV FONTANE	0	0		271
12"x12"	TUMBLED				
6"x6"					
4"x4"					
3"x6"					
6"x6"	TRAV VINO	0	0	•	273
4"x4"	TUMBLED				
3"x6"					
24"x24"	TRAVERTINE	0	0	0	275
18"x18"	CROSSCUT				
16"x16"					
12"x24"					
12"x12"					
16"x32"	TRAVERTINE	0	0		277
12"x24"	VEINCUT				
6"x24"					

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FIELD	COLLECTION	FLOOR	WALL	MOSAIC	PAGE
24"x24" 18"x18" 16"x32" 12"x24" 12"x12" 4"x8" 3"x6"	MARBLE	۰	•	•	279
16"x32" 12"x24" 8"x36" 6"x24" 4"x10" 3"x6"	METRO	•	•	•	289
16"x16" 12"x24" 12"x12"	SLATE, QUARTZITE & SANDSTONE	٠	٠	٠	297
24"x24" 18"x18" 16"x32" 12"x24" 12"x12"	LIMESTONE	۰	•	•	301
18"x18" 12"x24" 12"x12"	GRANITE	۰	۰	0	303
6"x6"	E-QUARRY				305
SIZES VARY	E-QUARTZ				307
SIZES VARY	ENGINEERED STONE				309













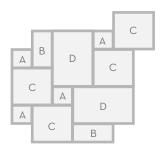
Mocha | V3 Variation



Silver | V4 Variation



Versailles Pattern | 4 Sizes



An Iteration of this pattern is 16 SF.

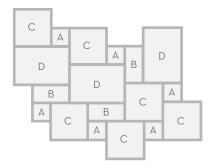
A - 8"x8" - 4 Pieces

B - 8"x16" - 2 Pieces

C - 16"x16" - 4 Pieces

D - 16"x24" - 2 Pieces

Medio Versailles Pattern | 4 Sizes



An Iteration of this pattern is 6 SF.

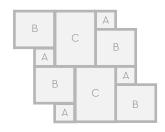
A - 4"x4" - 6 Pieces

B - 4"x8" - 3 Pieces

C - 8"x8" - 6 Pieces

D - 8"x12" - 3 Pieces

Medio Versailles Pattern | 3 Sizes



An Iteration of this pattern is 1.78 SF.

A - 4"x4" - 2 Pieces

B - 8"x8" - 2 Pieces

C - 8"x12" - 1 Piece

Sizes & Trim	Tes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				Technical Specificatio										
													1	Test Method	Shade Variation
16"x24"	16"x16"	12"x12"			6"x6" 4"x4" 4								ı	Results	Varies By Color

10 Sizes | 8 Mosaics

Beige | V3 Variation



16"x24", 16"x16", 12"x12", 8"x16", 8"x12", 8"x8", 6"x6", 4"x4", 4"x8", 3"x6"





2"x2" Mosaic on 12"x12" Mesh



1"x2" Offset on 12"x12" Mesh



Pebble on 12"x12" Mesh



Mini Versailles on 12"x12" Mesh



2"x4" Offset on 12"x12" Mesh



Beige/Mocha Pebble Blend on 12"x12" Mesh



Splitface Versailles on 12"x12" Mesh



Splitface Offset 1"x2" on 12"x12" Mesh







Mocha | V3 Variation



16"x24", 16"x16", 12"x12", 8"x16", 8"x12", 8"x8", 6"x6", 4"x4", 4"x8", 3"x6"



2"x2" Mosaic on 12"x12" Mesh



1"x2" Offset on 12"x12" Mesh



Mini Versailles on 12"x12" Mesh



2"x4" Offset on 12"x12" Mesh



Splitface Versailles on 12"x12" Mesh



Splitface Offset 1"x2" on 12"x12" Mesh



The second second second

1"x12" Cigaro



1 1/2"x12" Mini Cigaro



Pebble on 12"x12" Mesh



10 Sizes | 7 Mosaics

Silver | V4 Variation



16"x24", 16"x16", 12"x12", 8"x16", 8"x12", 8"x8", 6"x6", 4"x4", 4"x8", 3"x6"





2"x2" Mosaic on 12"x12" Mesh



1"x2" Offset on 12"x12" Mesh



Pebble on 12"x12" Mesh



Mini Versailles on 12"x12" Mesh



2"x4" Offset on 12"x12" Mesh



Splitface Versailles on 12"x12" Mesh



Splitface Offset 1"x2" on 12"x12" Mesh













Wave Compound Beige on 12"x12" Mesh

Wave 3 Metal Blend on 12"x12" Mesh

Ivory | Boxed Set Contains Random Sizes at 4"x Free Length

Trav Split Face Boxed Pattern Set



Hamlet Mini Split Face Offset on 6"x12" Mesh





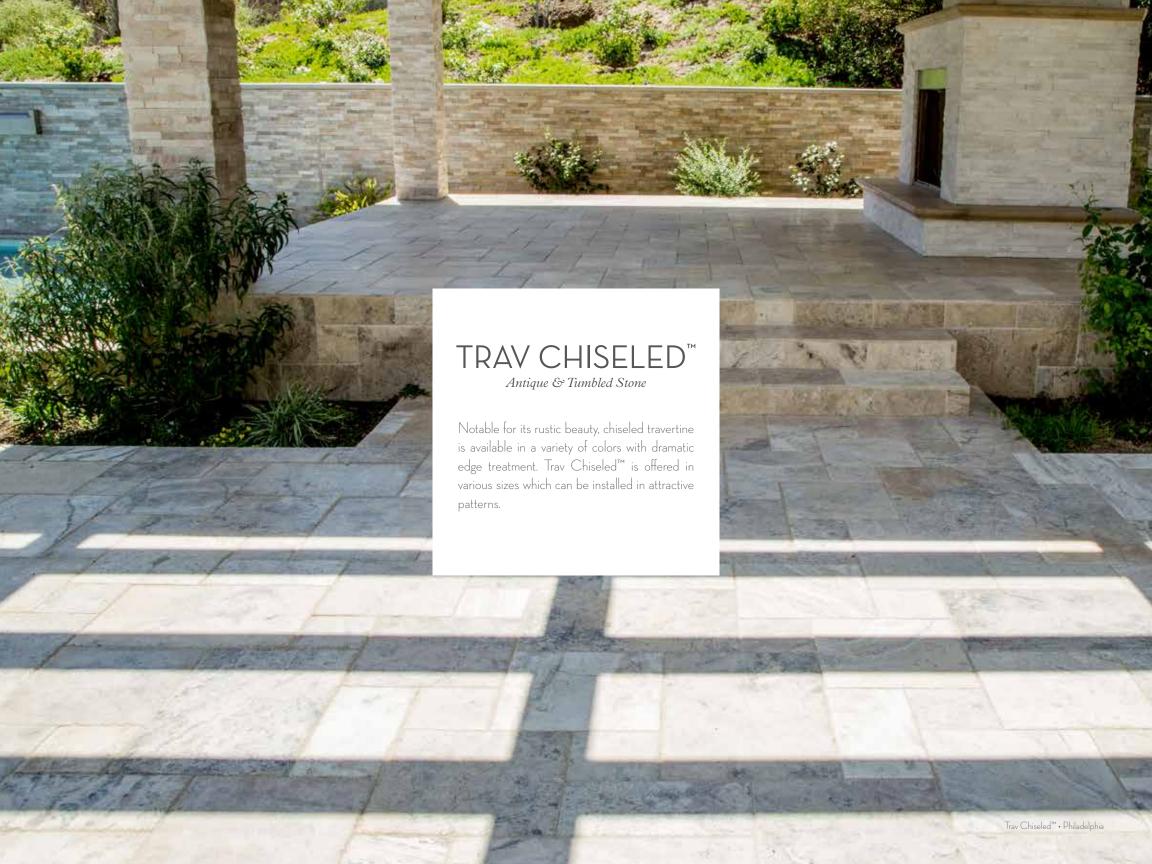
White



Philadelphia

Scabos

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.				
	Test Method	Shade Variation		
16"x24" 16"x16" 12"x12" 8"x16" 8"x12" 8"x8" 6"x6" 4"x4" 4"x8" 3"x6"	Results	Varies By Color		















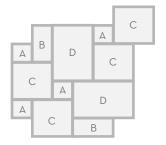
Silver | Banded Set



Scabos | Banded Set



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

Umbria Savera



Valencia



Vanilla Coffee



Philadelphia



Onyx



All Colors Available in Sizes 16"x24", 16"x16", 8"x16", 8"x8"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technic	al Specifications
	Test Method	Shade Variation
16"x24" 16"x16" 8"x16" 8"x8"	Results	V4

TRAV FONTANE TUMBLED™ Antique & Tumbled Stone The Trav Fontane Tumbled™ series includes two traditional colors offered in multiple sizes, along with mosaics and moldings. Trav Fontane Tumbled™ • Ivory Classic 6"x6"











16"x16", 12"x12", 6"x6", 4"x4", 3"x6"



Walnut



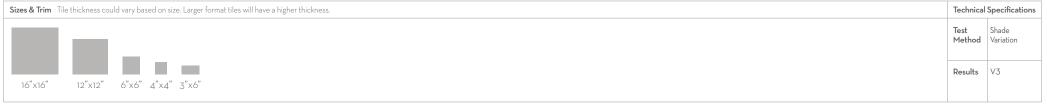
6"x6", 4"x4", 3"x6"



2"x2" Mosaic on 12"x12" Mesh



1/2"x12" Mini Cigaro











Cream



1"x12" Cigaro

1 1/2"x12" Mini OG

1/2"x12" Mini Cigaro

6"x6", 4"x4", 3"x6", Boxed Set



2"x2" Mosaic on 12"x12" Mesh





6"x6", 4"x4", 3"x6"



2"x2" Mosaic on 12"x12" Mesh



1/2"x12" Mini Cigaro

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









Ivory Classic | V2 Variation

8 Colors | 5 Sizes | 1 Mosaic



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

Silver | V4 Variation



18"x18", 12"x12"



Pendio Beige Mosaic 2"x2" on 12"x12" Mesh



18"x18"

Umbria Savera | V4 Variation



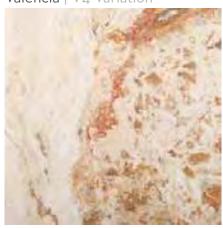
18"x18", 12"x24"

Pendio Beige | V4 Variation



24"x24", 18"x18", 16"x16", 12"x24", 12"x12"

Valencia | V4 Variation



18"x18", 12"x24"

Philadelphia | V4 Variation



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

Vanilla Coffee | V4 Variation



18"x18"

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.	Technical	l Specifications
	Test Method	Shade Variation
24"x24" 18"x18" 16"x16" 12"x24" 12"x12"	Results	Varies By Color













16"x32", 12"x24", 6"x24"

Silver | V4 Variation



12"x24", 6"x24"

Sizes & Trim Tile thickness c	ould vary based on size. Large	er format tiles will have a higher thick	kness.	Technical	Specifications
				Test Method	Shade Variation
16"x32"	12"x24"	6"x24"		Results	Varies By Color





12"x12"



18"x18", 12"x24", 12"x12"



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



Emperador Light | V3 Variation Thassos | V2 Variation



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



18"x18", 16"x32", 12"x24", 12"x12" | Polished 24"x24", 18"x18", 12"x24", 12"x12", 18"x18", 12"x24", 12"x12" | Honed



4"x8", 3"x6"



18"x18", 12"x24", 12"x12"

18"x18"

Crema Marfil Classico Mosaic 2"x2" on 12"x12" Mesh Mosaic 2"x2" on 12"x12" Mesh



Emperador Dark

1/2"x12" Mini Cigaro 1"x12" Cigaro

1"x12" Mini OG

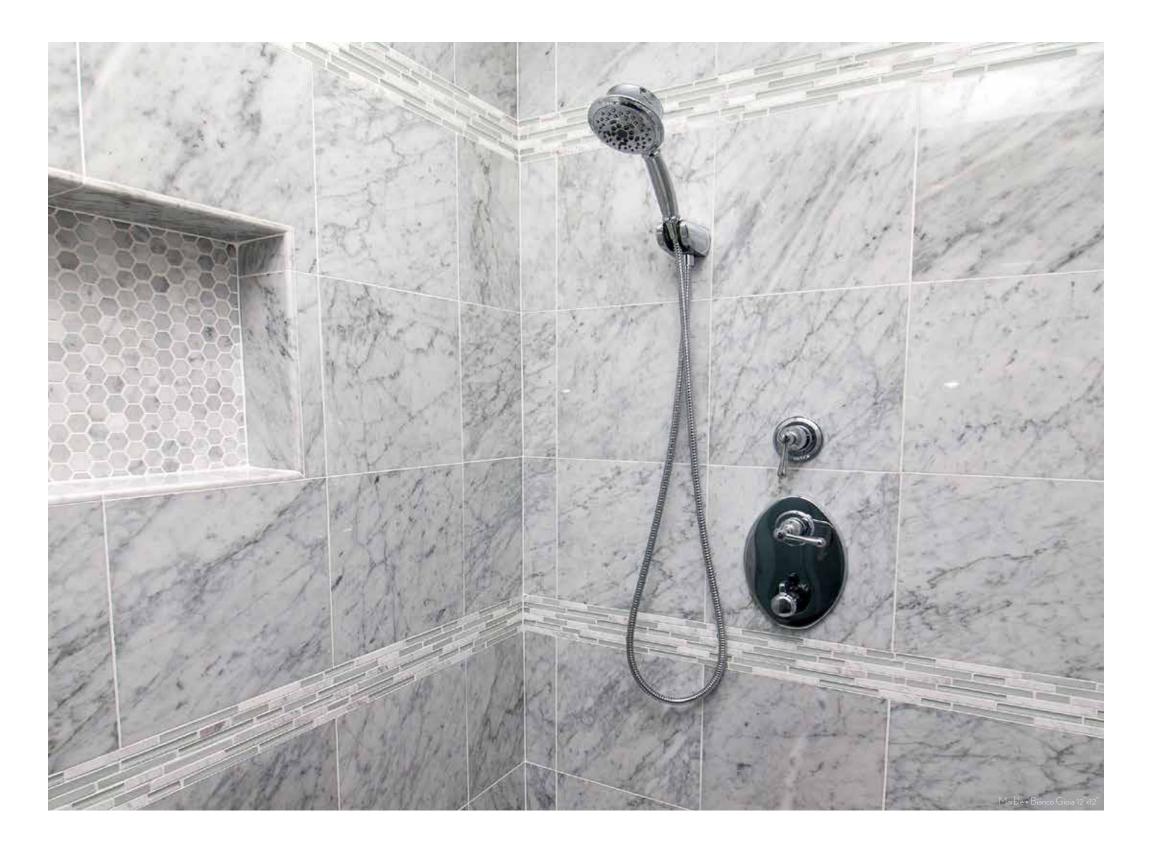
1"x2" OG Corner

2"x12" OG

1/2"x12" Mini Cigaro

1"x12" Cigaro

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness. **Technical Specifications** Method Variation Varies By Results



Bianco Gioia Collection | 7 Sizes | 7 Mosaics











24"x24", 18"x18", 16"x32", 12"x12", 12"x24", 4"x8", 3"x6", 3"x6" Beveled | **Polished** 18"x18", 12"x12", 12"x24", 4"x8", 3"x6", 3"x6" Beveled | Honed



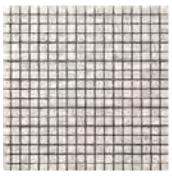
1"x12" Cigaro | Honed & Polished

1"x12" Mini OG | Honed & Polished

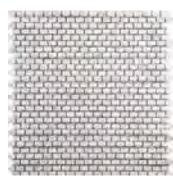




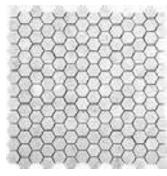
2"x12" OG | Honed & Polished 1"x2" OG Corner | Honed & Polished



1/2"x1/2" on 12"x12" Mesh Honed & Polished



Mini Offset on 12"x12" Mesh Honed



Hexagon 1" on 12"x12" Mesh Honed



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



Pinwheel on 12"x12" Mesh Honed



Mini Versailles on 12"x12" Mesh Honed



Versailles on 12"x12" Mesh Honed

Sizes & Trim Tile	e thickness could vary based on size	Larger format tiles will have a higher thickness.	Technical S	Specifications
				Shade Variation
- " - "	20" 20"		Results	V3
24"x24"	18"x18" 16"x32"	12"x24" 12"x12" 4"x8" 3"x6"		

Winter Frost Collection | 4 Sizes | 24 Mosaics



24"x24", 18"x18", 12"x12", 12"x24" | **Polished**

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

1"x12" Cigaro | Polished

2"x12" OG | Polished



1"x2" OG Corner | Polished



Convex on 12"x12" Mesh Polished



Daisy on 12"x13" Mesh Polished



Hexagon 1" Mix on 12"x12" Mesh Polished



Twine on 11"x13" Mesh Polished



Leaf on 9"x10" Mesh Polished



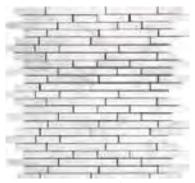
Hexagon 2" Mix on 12"x12" Mesh Polished



Prism on 12"x12" Mesh Polished



Gem on 12"x12" Mesh Polished



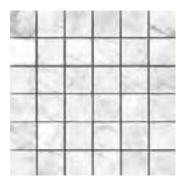
Linear on 12"x12" Mesh Polished







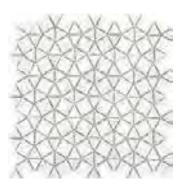




2"x2" on 12"x12" Mesh Polished



Bamboo on 12"x12" Mesh Polished



Geometric on 12"x12" Mesh Polished



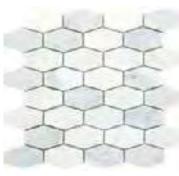
Oval on 12"x12" Mesh Polished



Penny on 12"x12" Mesh Polished



Hexagon 1" on 12"x12" Mesh Polished



Hexagon Wide on 12"x12" Mesh Polished



Marquise on 12"x12" Mesh Polished



Chevron on 12"x12" Mesh Polished



Cushion on 13"x13" Mesh Polished



3D Linear on 12"x12" Mesh Polished



Lantern on 12"x12" Mesh Polished



Diamond on 10"x13" Mesh Polished



Lattice on 12"x12" Mesh Polished



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

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



18"x18"





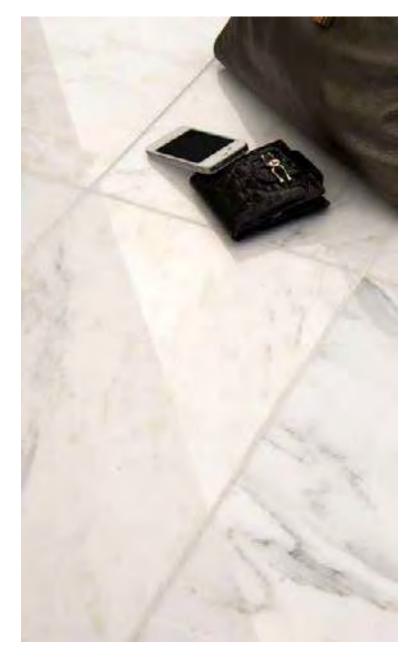




Test Method Variation

Technical Specifications Shade

Calacata Oro Collection | 5 Sizes | 3 Mosaics





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

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

1"x12" Cigaro | Polished



2"x12" OG | Polished



1"x2" OG Corner | Polished



2"x2" on 12"x12" Mesh Polished



Linear on 12"x12" Mesh Polished



Hexagon 1" on 12"x12" Mesh Polished

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









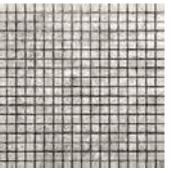
18"x18", 16"x32", 12"x12", 12"x24", 4"x8", 3"x6" | **Polished**

1/2"x12" Mini Cigaro | Polished

1"x12" Cigaro | Polished



2"x12" OG | Polished



1/2"x1/2" on 12"x12" Mesh Polished



Mini Offset on 12"x12" Mesh Polished



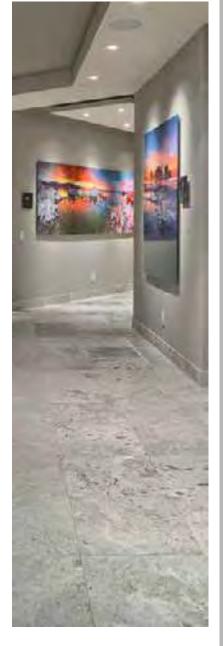
Pinwheel on 12"x12" Mesh Polished



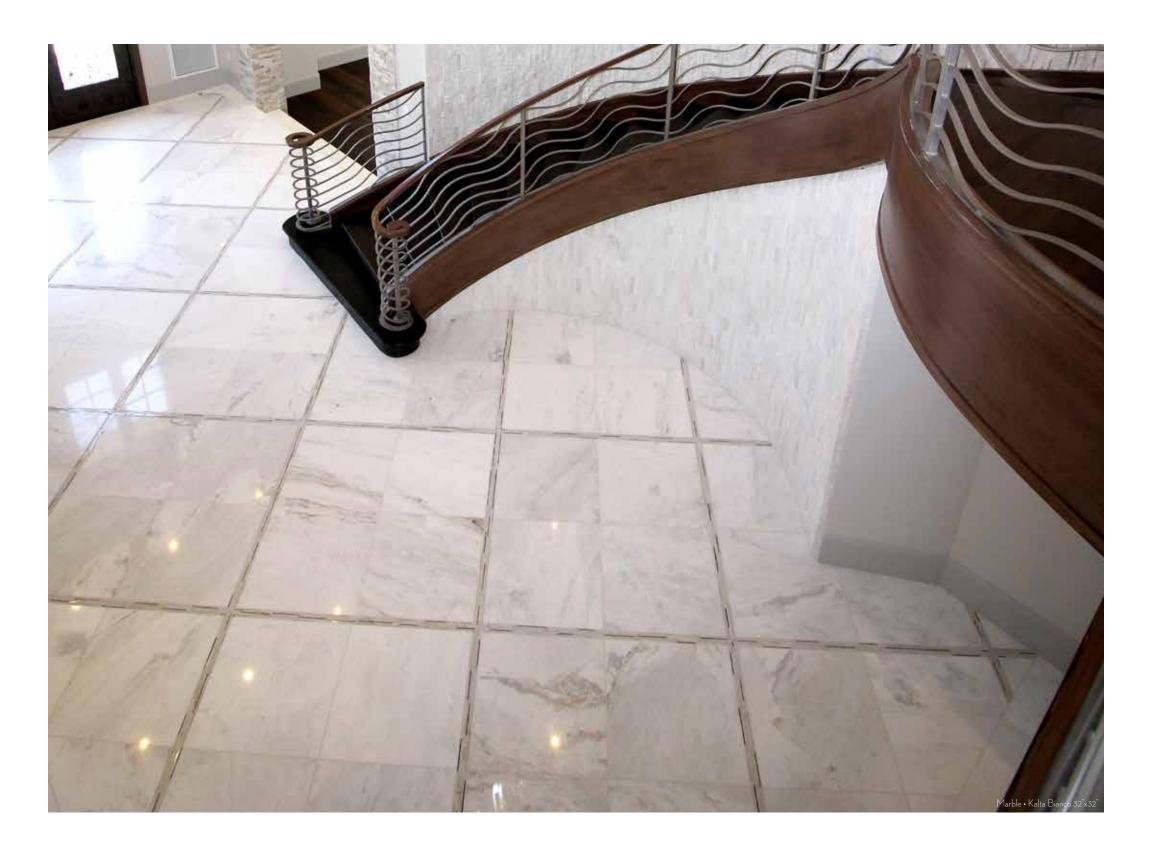
2"x2" on 12"x12" Mesh Polished



Hexagon 1" 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	
							Results	V3	
18"x18"	16"x32"	12"x12"	12"x24"	4"x8"	3"x6"				







 $32" \times 32", \, 24" \times 24", \, 18" \times 18", \, 16" \times 32", \, 12" \times 12", \, 12" \times 24", \, 4" \times 8", \, 3" \times 6" \mid \textbf{Polished}$ Coordinating Mosaics Available in the Marble Winter Frost Collection

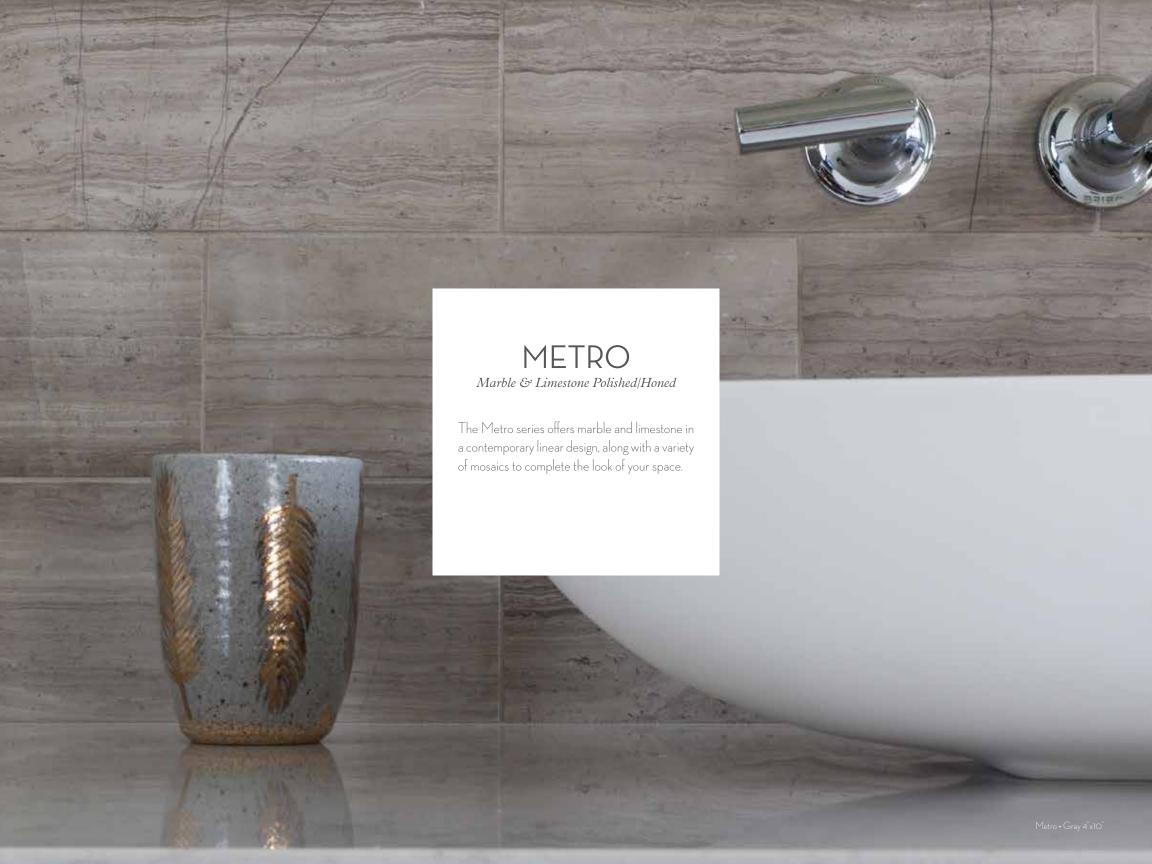


32"x32", 24"x24", 18"x18", 16"x32", 12"x12", 12"x24" | **Polished**



Bianco 2"x2" Mosaic on 12"x12" Mesh Polished

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.					
	Test Method	Shade Variation			
32"x32" 24"x24" 18"x18" 16"x32" 12"x12" 12"x24" 4"x8" 3"x6"	Results	V2			











12"x24", 8"x36", 6"x24", 4"x10", 3"x6" | **Honed** 12"x24" | Polished







Cream Collection (Limestone) | 6 Sizes | 25 Mosaics



16"x32", 12"x24", 8"x36", 6"x24", 4"x10", 3"x6" | Honed



Gem on 12"x12" Mesh Honed





Hexagon 1" Mix on 12"x12" Mesh Honed



Hexagon 2" Mix on 12"x12" Mesh Honed



Convex on 12"x12" Mesh Honed



Twine on 11"x13" Mesh Honed



Leaf on 9"x10" Mesh Honed



Daisy on 12"x13" Mesh Honed



Prism on 12"x12" Mesh Honed



Linear on 12"x13" Mesh Honed











2"x2" on 12"x12" Mesh Honed



Bamboo on 12"x12" Mesh Honed



Geometric on 12"x12" Mesh Honed



Oval on 12"x12" Mesh Honed



Penny on 12"x12" Mesh Honed



Hexagon Large on 12"x12" Mesh Honed



Hexagon Wide on 12"x12" Mesh Honed



Marquise on 12"x12" Mesh Honed



Chevron on 12"x12" Mesh Honed



Cushion on 13"x13" Mesh Honed



3D Linear on 12"x12" Mesh Honed



Lantern on 12"x12" Mesh Honed



Diamond on 10"x13" Mesh Honed



Lattice on 12"x12" Mesh Honed



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

Siz	Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.									
ı								Test Method	Shade Variation	
								Results	V4	
	16"x32"	12"×24"	8"x36"	6"x24"	4"x10"	3"x6"				

Gray Collection (Limestone) | 5 Sizes | 25 Mosaics



12"x24", 8"x36", 6"x24", 4"x10", 3"x6" | **Honed**



Gem on 12"x12" Mesh Honed





Hexagon 1" Mix on 12"x12" Mesh Honed



Hexagon 2" Mix on 12"x12" Mesh Honed



Convex on 12"x12" Mesh Honed





Leaf on 9"x10" Mesh Honed



Daisy on 12"x13" Mesh Honed



Prism on 12"x12" Mesh Honed



Linear on 12"x13" Mesh Honed











2"x2" on 12"x12" Mesh Honed



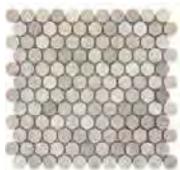
Bamboo on 12"x12" Mesh Honed



Geometric on 12"x12" Mesh Honed



Oval on 12"x12" Mesh Honed



Penny on 12"x12" Mesh Honed



Hexagon Large on 12"x12" Mesh Honed



Hexagon Wide on 12"x12" Mesh Honed



Marquise on 12"x12" Mesh Honed



Chevron on 12"x12" Mesh Honed



Cushion on 13"x13" Mesh Honed



3D Linear on 12"x12" Mesh Honed



Lantern on 12"x12" Mesh Honed



Diamond on 10"x13" Mesh Honed



Lattice on 12"x12" Mesh Honed



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

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.								
					Test S Method			
					Results			
12"x24"	8"x36"	6"x24"	4"x10"	3"x6"				











1"x12" Mini OG | Honed

1/2"x12" Mini Cigaro | Honed



Linear on 12"x13" Mesh Honed









2"x2" on 12"x12" Mesh Honed

Bamboo on 12"x12" Mesh Honed

Geometric on 12"x12" Mesh Honed

Oval on 12"x12" Mesh Honed

Penny on 12"x12" Mesh Honed











Hexagon Large on 12"x12" Mesh Honed

Hexagon Wide on 12"x12" Mesh Honed

Chevron on 12"x12" Mesh Honed

3D Linear on 12"x12" Mesh Honed

Lantern on 12"x12" Mesh Honed

Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.								Technical Specificati			
										Test Method	Shade Variation
										Results	V4
12"x24"	8"x36"	6"x24"	4"x10"	3"x6"							



Autumn Lilac | V4 Variation



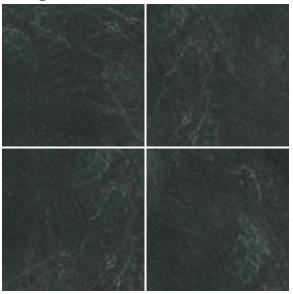
16"x16", 12"x24", 12"x12"

Earth | V4 Variation



16"x16", 12"x24", 12"x12"

Midnight Black | V3 Variation

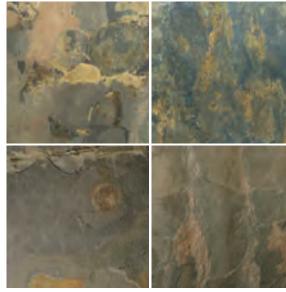


16"x16"

Multi Rajah | V4 Variation



Rustic Gold | V4 Variation



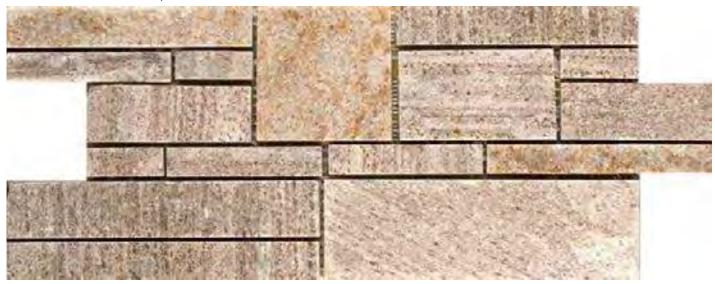
16"x16", 12"x24", 12"x12" 16"x16", 12"x24", 12"x12"

Technical Specifications Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness. Test Method Variation Varies By Color Results 16"x16" 12"x24" 12"x12"



Borgo Pattern Collection | 4 Colors

Cream Gold Quartzite | Flamed



Autumn Lilac



Black Quartzite



White Quartzite



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

Mini Stacked Collection | 4 Colors













Cream Gold Quartzite | Flamed



Tan Sandstone



White Quartzite



Corner Piece Available in All Colors*



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

Stacked Collection | 6 Colors

Autumn Lilac



Black Quartzite



Cream Gold Quartzite | Flamed



Earth



Rustic Gold | California Gold



White Quartzite



Corner Piece Available in All Colors*



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





24"x24", 18"x18", 16"x32", 12"x24"

Crema Light | V2 Variation Gascogne Beige | V3 Variation Porto Beige | V2 Variation



12"x24"



18"x18"

Jura Stone Beige | V3 Variation Lagos Azul | V3 Variation



18"x18", 16"x24", 12"x12"

18"x18", 12"x24"

Presidio Ivory | V2 Variation



Presidio Ivory Chevron



12"x12" Mesh

Presidio Ivory Rhombus



12"x12" Mesh

Presidio Ivory Pattern



6"x24" on Mesh

12"x24"

Presidio Ivory Splitface



6"x24" on Mesh

Presidio Ivory Mini Stack



6"x24" on Mesh

Sizes & Trim	Sizes & Trim Tile thickness could vary based on size. Larger format tiles will have a higher thickness.						
		_	_	_		Test Method	Shade Variation
- " - "	-0" -0"	- (" "	" - "	""		Results	V4
24"x24"	18"x18"	16"x32"	12"×24"	12 X12			







Blue Pearl | V2 Variation



Galaxy Black | V1 Variation



Giallo Ornamental | V2 Variation | Giallo Veneziano | V2 Variation



12"x12"

New Venetian Gold | V2 Variation Tan Brown | V2 Variation

Absolute Black | V1 Variation

Absolute Black Honed | V1 Variation Absolute Black Flamed | V1 Variation











12"x12"

12"x12"

18"x18", 12"x24", 12"x12"

12"x24"

12"x12"

12"x24"



Absolute Black Mosaic

1"x12" Cigaro | Polished

1/2"x1/2" o	n 12″x12″	Mesh
Sizes & Trim	Tile thickness	could vary b

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"	Results	Varies By Color

















- · 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)

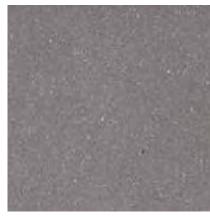








Smoke Abrasive





Abrasive Finish

All Colors Available in Size 6"x6"

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.			Technical Specifications								
		Deep Abrasion Resistance C1243		Chemical Resistance C650	Water Absorption C373		Freeze-Thaw Cycling C1026	Scratch Hardness MOHS	Shade Variation Rating		
	Results	1	≥ 400 lbf	Resistant	< .25%	> .70	Resistant	8	V2		
6"x6" 6"x6" Cove Base 6"x6" Cove Base 6"x6" Cove Base Corner In Corner Out (Left/Right)											













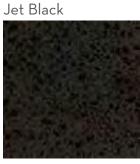
Group A Glacier White

Raven Cinza





Cemento



Group B

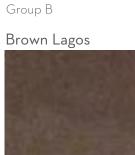
Glacier White

Dino Gris

Group B



Unsui Cafe



Group B

Group D





Group B

Group D Group C

Additional	Colors	Availabl	le by	Special	Order	

Test Description	Test Method	Result		
Breaking Strength	ASTM C648	>1500lbf		
Compressive Strength	ASTM C170	>20,000psi		
Abrasion Wear	ASTM C501	130-220		
Thermal Expansion	ASTM C531	1.2x10-5		
Water Absorption	ASTM C97	<.05%		
Flexural Strength	ASTM C88	4500-8000		
Stain & Chemical Resistance	ANSI Z-124.6	No Effect		
Flame Spread	ASTM E84	Class 1/A		
High Temperature Resistance	ASTM C484	No Effect		

PROGRAM FEATURES

- Custom program

Group D

- Low minimum order (50 units)
- Full slabs can be shipped in full containers to jobsite or fabricator's facility

Group D

- 3.500SF of 2cm/container
- 2,500SF of 3cm/container
- 10 year limited commercial warranty
- Greenguard certified low/no VOC & green friendly
- NSF certified meets strict standards for public health protection
- Ability to source additional colors

CUSTOM FABRICATION

- Above mount and under mount sink cut outs
- Back and sidesplashes
- Aprons, waterfalls, and angled leg supports
- Islands and bar tops
- Laminated edge and edge profiles
- Underside polishing for bar tops
- Threshold and shower jambs
- Lead times will vary based on final scope of work



Calgary



Alberta



Montreal



Vancouver



Bedrock

Calgary



Alberta



Vancouver



Border Trail

Calgary



Alberta



Montreal

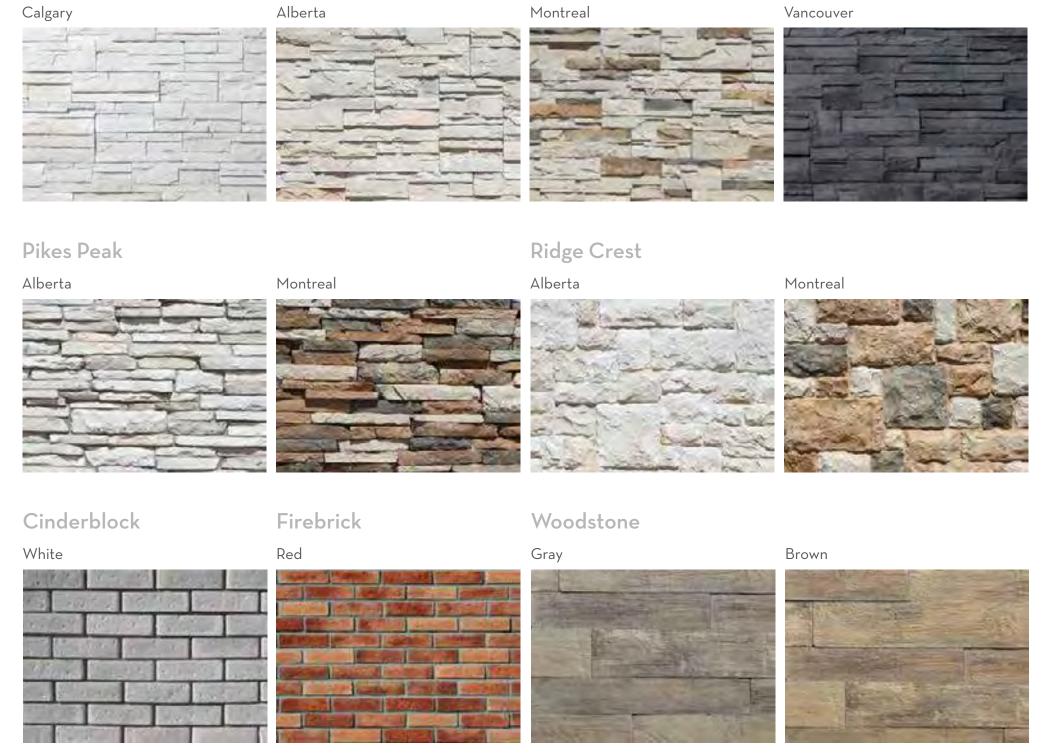


Vancouver



Sizes Vary - Please see page 310 for details on sizing.

Cascade Mountain



Sizes Vary - Please see page 310 for details on sizing.













SERIES		WI	DTH	LEN	GTH	THICKNESS	UOM	SF/BOX
		min	max	min	max			
American Rockies	Field	4	1"	8"	20"	30mm	SF	10.76
American Rockies	Corner	4	1"	12"	16"	30mm	LF	8.2
Bedrock	Field	6"	15"	8"	22"	40mm	SF	10.76
Bedrock	Corner	10"	14"	12"	16"	40mm	LF	9.84
Border Trail	Field	1"	7"	9"	21"	20-60mm	SF	9.69
Border Trail	Corner	2"	6"	12"	19"	60mm	LF	7.54
Cascade Mountain	Field	2"	6"	4"	12"	25mm	SF	10.76
Cascade Mountain	Corner	2"	6"	12"	16"	10-30mm	LF	6.56
Pikes Peak	Field	1″	4"	4"	18"	20-50mm	SF	9.69
Pikes Peak	Corner	1″	3"	6"	10"	40mm	LF	5.9
Ridge Crest	Field	4"	8"	5"	20"	40mm	SF	10.76
Ridge Crest	Corner	5″	12"	10"	16"	40mm	LF	8.2
Cinderblock	Field		3"	1	0"	14-17mm	SF	N/A
Firebrick	Field	2	.2"		8"	12-13mm	SF	N/A
Woodstone	Field	6"	8"	3	36"	25mm	SF	N/A

3.93" (100mm)	
	1.18" (30mm)

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

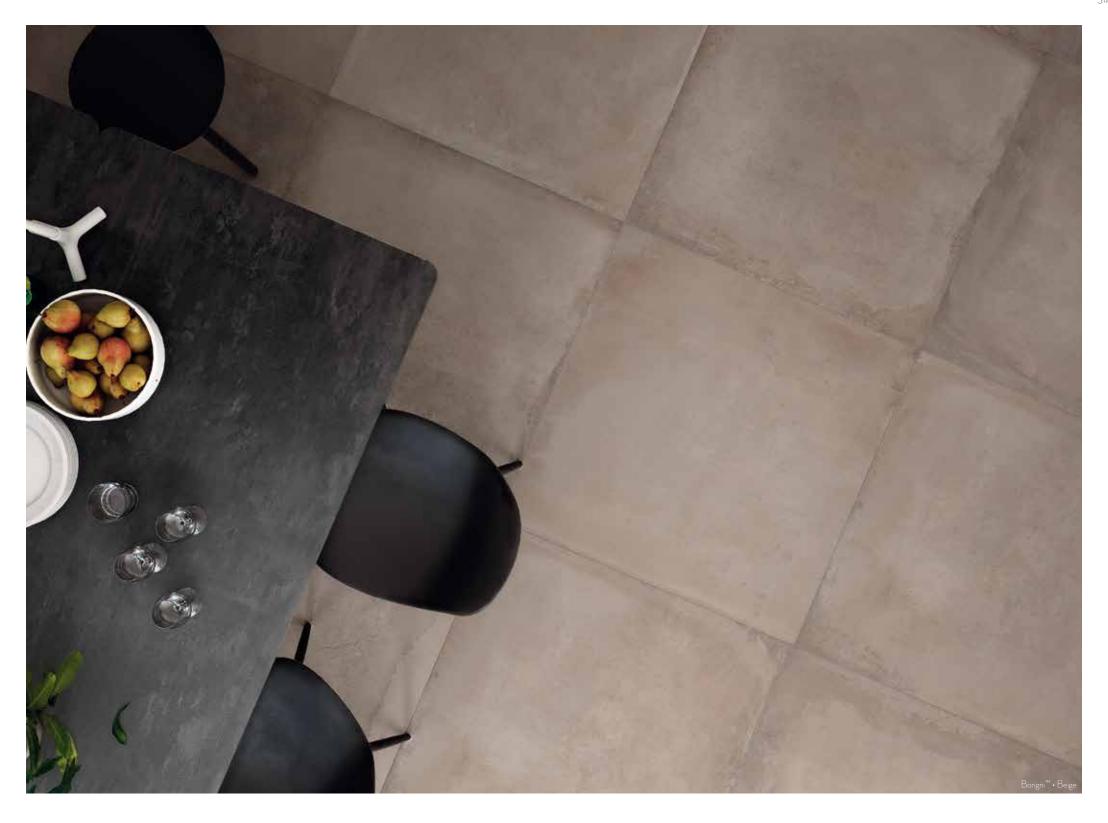
Corners:



PHYSICAL / CHEMICAL PROPERTIES	STANDARD	PRODUCT		
Compressive Strength	ASTM C 192	Stone Veneer	160 kg/cm ²	(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/cm ³	(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 Deve	loped	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 substitution of client's own tests, in order to ensure the safety of these products and their accordance with an intended use.

RESOURCES



Technical Specifications

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 tile, which may be required to determine use in an application. Tiles are classified according to water absorption percentages as follows:

 Impervious tile:
 ≤.5%

 Vitreous tile:
 >.5% - ≤3%

 Semi-vitreous tile:
 >3% - ≤7%

 Non-vitreous:
 >7% - <20%</td>

Breaking Strength - ASTM C648

Breaking strength is measured by applying force to an unsupported portion of a 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 tile, wall tile, mosaic, quarry tile and paver tile. Ceramic 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.

Chemical Resistance - ASTM C650

The 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 test.

Freeze Thaw Cycling - ASTM C1026

The freeze thaw cycle test measures the 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 measured as a pass or fail test.

Abrasion Resistance - ASTM C1027

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

- O: 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

Scratch Hardness - MOHS Scale

Scratch hardness is the tile's 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.

Dynamic Coefficient of Friction (DCOF) - ANSI A137.1

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 BOT3000 (Binary Output Tribometer) and BOT3000E are machines that run approximately 8" across a surface, measure the DCOF of the tile and provide a digital reading with the results. Because these machines are automated, they are able to objectively measure the slip resistance and most importantly, provide 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.

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. If the body matches the glaze, chips and scratches will not be as evident making a colored body more desirable.

Through-Body

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. Throughbody 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.

Soluble Salt Porcelain

Soluble Salt porcelain is a through-body porcelain product in which chemicals are applied using various silk screens or sprayers prior to firing. Metal oxide salts react with the porcelain body, resulting in various colors. This topical treatment is not considered a glaze; the surface coloring is achieved through a reaction of chemicals on the surface, triggered during the firing stage.

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.

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.

Vo - Monochromatic - Very uniform, monochromatic color

V1 - Low - Consistent color within each tile and from tile to tile

V2 - Medium - Color variation within each tile

 $\ensuremath{\text{V3}}\xspace$ - High - Some variation from tile to tile, and within each tile

V4 - Random - Considerable variation from tile to tile



Care & Maintenance

Natural 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 stone from sand and grit as floors may scratch from dirt and debris.
- · Be careful with acidic drinks (lemonade, orange juice, etc.) as they may etch certain stones.
- Never use any cleaners that contain ammonia, acids or bleach.
- Tend to spills quickly. Sealers do not prevent 100% of damage caused by spills.
- · Never apply wax or acrylics to the surface as they will damage the stone.
- · 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 of natural stone products:

- · 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.

Metal

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.

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 stell 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.

Standard cleaning of metal 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 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 prevent water spots or streaks.

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 contain bleach and/or acid. Acid and ammonia based cleaners may modify grout color and 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
 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.

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 trafficareas. 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.

Care & Maintenance

Glass Tile & Decorative Mosaic

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:

- 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 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.

Commercial Deep Cleaning

Commercial cleaning can present its own challenges due to the high traffic nature of most applications and exposure to foreign debris. 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 do 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 cleaning guidelines of glass products:

- · 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, 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 the grout. PH neutral cleaners are highly recommended. Mopping dirty tiles will cause muddy water to get stuck in the grout joints, therefore, 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. Use of bleach in wet applications may result in water damage due to cracking and deterioration.
- Sealing grout prevents staining, however, 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.

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 look. Heavy duty grout haze removers should be used according to the grout manufacturer's recommendations before trying more concentrated acid solutions.

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.

Industry Standards, Warranties & Recommendations

Natural stone is a product of nature. No two tiles are exactly alike. Customers must inspect the material prior to installation to check color, veining, thickness, sizing and finish required to meet approval. Installation is deemed acceptance of materials. Dry laying prior to installation to determine proper placement is highly recommended.

Variation in Color and Aesthetic Appearance

Variation in veining, fissures, pits, texture, color and shade are inherent characteristics of all 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 with the most popular being granite, marble, onyx, limestone, travertine and slate. Some species and colors are more consistent than others and will range from V1-V4 shade variation. Hand selecting colors is impractical and is generally not accepted industry wide. However, where a specific range or aesthetic value is required, range samples can be requested to represent the current lot prior to purchasing.

Efflorescence

Efflorescence can be a common occurrence in natural stones when they are exposed to moisture and it is not considered a defect of the product. The source of the problem must be identified before cleaning or replacing the stone as these occurrences can be install related and a replacement installation may be subject to the same effect. Efflorescence is a concentration of soluble salt trapped in the stone that will appear cloudy and white as water passes through the stone. It is common in hot climates where the water escapes from the stone quickly, leaving a trace of salt closer to the surface. This effect may also expose itself as foam coming out of the surface of the rock and is a natural occurrence as a result of moisture transmission.

Rust

It is not uncommon to see rust appear in certain stones and is especially visible on slate and light colored granite and marble. Rust appears when the metal minerals inside the stone react to water or humidity in the air. It is imperative that the stones be properly sealed before and after installation to prevent this occurrence from happening. Proper waterproofing membranes are required where product will be exposed to weathering or is in direct contact with water.

Grades of Marble

Marbles and other natural stones are categorized by soundness classifications and are rated A-D. 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 inconsistent between modules, and chipped edges are engineered from epoxy. Some species of stone have more inconsistencies than others, however, this is not a defect of the stone. The grading system accommodates a stone's natural characteristics and is an industry standard as long as they are graded correctly.

All travertine, regardless of manufacturer and many common colors of marble, are always considered a class C due to the natural presence of veins, pits and fissures. Some quarries will grade their stones into sub-categories within the soundness classification and will identify products as "Premium", "Plus", "Classic" or "Select" to distinguish aesthetic consistency between lots. Class C is considered for aesthetics and not quality of a 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 all 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.

Slate Exteriors

Certain colors of slate are not rated for exteriors, wet applications or applications in freeze/thaw climates. Slates can swell when they absorb water and as a result may rust, become muddy, brittle or flake excessively. It is important to know where the slate is being installed prior to purchasing. 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.

Epoxy Thinsets for Onyx, Marble and 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/thinset.

Use of Appropriate Thinset Colors

Many light stones and limestones may react to the ingredients contained in gray thinset. It is highly recommended to use white thinset on light stones and gray thinset for darker stones.

Stone Lippage

The presence of lippage can be exaggerated by a number of factors: uneven subfloors, laying tiles in a 50% brick joint offset, not back buttering large format tiles, grout joint width being too narrow and natural light sources making standard variances more noticeable. 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. This procedure is to be conducted by skilled professionals and is only possible on select stones and finishes.

Sanded Grout on Natural Stone

When installing polished stones or stones with a softer MOHS rating, it is highly recommended to use un-sanded grout or equivalent to avoid scratching the surface of the stone during installation. Follow the grout manufacturer's recommendations based on the specified grout joint width.

Travertine Fillers and New Hole Formation

Travertine is a sedimentary rock usually quarried near hot or cold springs, as well as streams. 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 pedestrian loads, movement of furniture and regular wear that can punch through these thin surface layers. New hole formation does not affect the floor's durability or strength in any way and is not considered a defect of the stone. If desired, these new voids can be filled quickly and easily with grout, epoxy or equivalent fillers. Some travertine tiles can come prefilled by the factory with either cementitious or synthetic fillers. Filler colors in a prefilled travertine can vary from batch to batch as the coloring is changed to match every production line. Although it does not happen often, it is not uncommon for synthetic fillers to dislodge post installation or as a result of regular wear on the floor.

Allowable Industry Size Tolerance for Porcelain & Ceramic

An inherent characteristic of all fired products is that they will bow, wedge and warp to a certain degree and may slightly vary in size from batch to batch. These variations in size and color are due to changes in moisture and thermal loads which can alter the tiles during production. Batches of tile are identified and separated into lots by specific shade and caliber. For specific allowable size tolerances by product type please refer to ANSI A137.1 Table 8 for ceramic and Table 10 for porcelain. The values indicated in the charts are noncumulative.

Green Friendly Products - VOC's

Emser products are not FloorScore certified. However, certification is not needed to satisfy LEED® specifications. 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 exceed the requirements of the FloorScore certification. Hard surface flooring products can contribute to gaining 1 POINT for low-emitting materials in LEED® V3 and 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.

Recommended Offset for Brick Joint Patterns

ANSI A108.02 Section 4.3.8.2 is the industry standard recommendation for tiles being offset with an edge greater than a nominal 18". A 50% offset on large format square and rectangular tiles is not recommended. Where a running bond pattern is desired, a 33% maximum offset can be used along with a proper grout joint width to prevent the appearance of lippage. If an offset greater than 33% is desired, then the specifier and owner must approve a mock-up and approve potential inherent lippage.

Grout Joint Width

Based on ANSI A108.02 Section 4.3.8, the grout joint needs to be at least three times the actual variation of facial dimensions of the tile supplied. If the variation between tiles is 1/6" then a 3/16" grout joint is recommended. Grout joints must accommodate dimensional variance in the tiles supplied and must never be closer than 1/16." Emser $Tile^{TM}$ recommends that pressed ceramics be specified with a 5mm joint width. Manufacturer's recommendations prevail.

Nano Coating and Sealing Porcelains

Nano coatings are applied to certain tiles at time of production to protect the surface from scratching. The wax coating does not have to be removed. However, when necessary, there are various products specifically made to remove nano coatings. Each tile manufacturer has a differently formulated coating and the proper solutions must be used to strip it off when necessary. Sealing unglazed polished porcelains may be necessary if they do not have a nano coating or the coating was removed as the polishing process opens up the pores on a microscopic level on the surface of the tile.

Tile Lippage

Please reference ANSI A108.02 Section 4.3.7 for a detailed explanation of lippage and allowable tolerances. Lippage refers to differences in elevation between edges of adjacent tile modules. The perception of height variances is influenced by a number of factors, including thickness variations between tiles, allowable warpage of the tile modules, grout joint width, the angle of light creating shadows and highly reflective surfaces accentuating otherwise acceptable variance in modules. Unlike stone, when lippage is present in a ceramic or porcelain installation there is no way to correct it. Lippage is acceptable as long as it is within industry stated tolerances. It is calculated by adding the actual manufacturing warpage to the allowable installation lippage.

Types of glass

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 it. 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 thinset is required for all installations. As most glass has translucent properties, it is important to ensure adequate coverage of thinset by lightly back buttering the tiles. Not all back painted glass is manufactured the same way. 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.

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 walls and on shower floors if properly sealed. They are not recommended for general use on floors and counters. Typically products with these finishes will have potential size variation adding to the handmade and hand painted look. It is recommended that a grout release or pre-sealer be applied to the crackled glaze so the tile will not absorb and grout pigments or installation related dirt. 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.

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 recommended 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.

Freeze | Thaw Climates

All tile and natural stone have some level of porosity. When water penetrates the surface of a stone, a grout joint or a crack in a tile installation and freezes over, you risk the tile shattering. When water freezes, it expands by approximately 9%. As this expansion is resisted, the pressure exerted can be up to 150 tons per square foot. This type of pressure is sufficient to split even the strongest rocks. It is important to know if a tile is rated for exterior use and suitable in freeze-thaw cycles.

Fire Ratings

As an industry, tiles are not typically tested for flame spread, creation of smoke or other types of fire ratings. The tile body and glaze are manufactured under much higher temperatures than they would ever be exposed to in a test chamber, therefore, the results would be negligible. One would need to exceed the tiles' firing temperature and melting points to change the tiles' composition. Tiles are manufactured in temperatures that exceed 2000 degrees farenheit with no flame spread or smoke effect. As such we do not do flame spread testing on any of our tiles.



Tools & Supplies

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







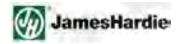




















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