

T938 Romulus *Porcelain*.

Inspired by the enduring beauty of limestone, the Romulus collection channels nature's calm through earthen shades and refined textures.

TOWN &
COUNTRY
SURFACES



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T-938 Romulus, Level, *Dune*

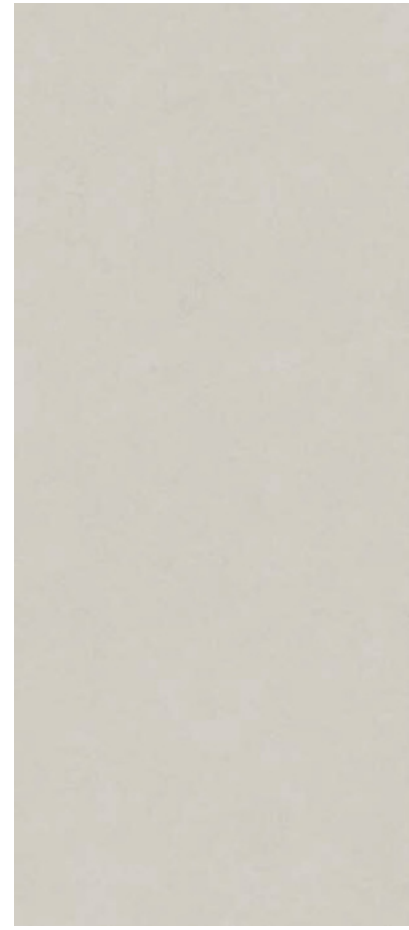
Embracing a warm and sensitive neutrality through the muted tone of ivory.

IMAGE VARIATIONS

This collection has a wide variety of facings by size to maximize the realism it can convey within a design space.



63 x 126 x 0.24 inch Rectified Sintered Slab Edged / Natural / Antiqued



48 x 110 x 0.24 inch Rectified Porcelain Slab Edged / Natural



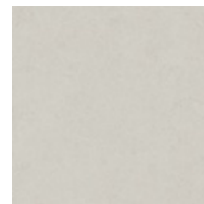
24 x 48 inch Rectified Edged / Natural / Antiqued
2 cm Rectified Paver - Antiqued



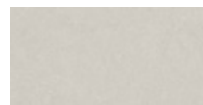
48 x 48 inch Rectified Edged / Natural



36 x 36 in Rectified Edged / Natural
2 cm Rectified Paver - Antiqued



24 x 24 inch Rectified Edged / Natural / Antiqued

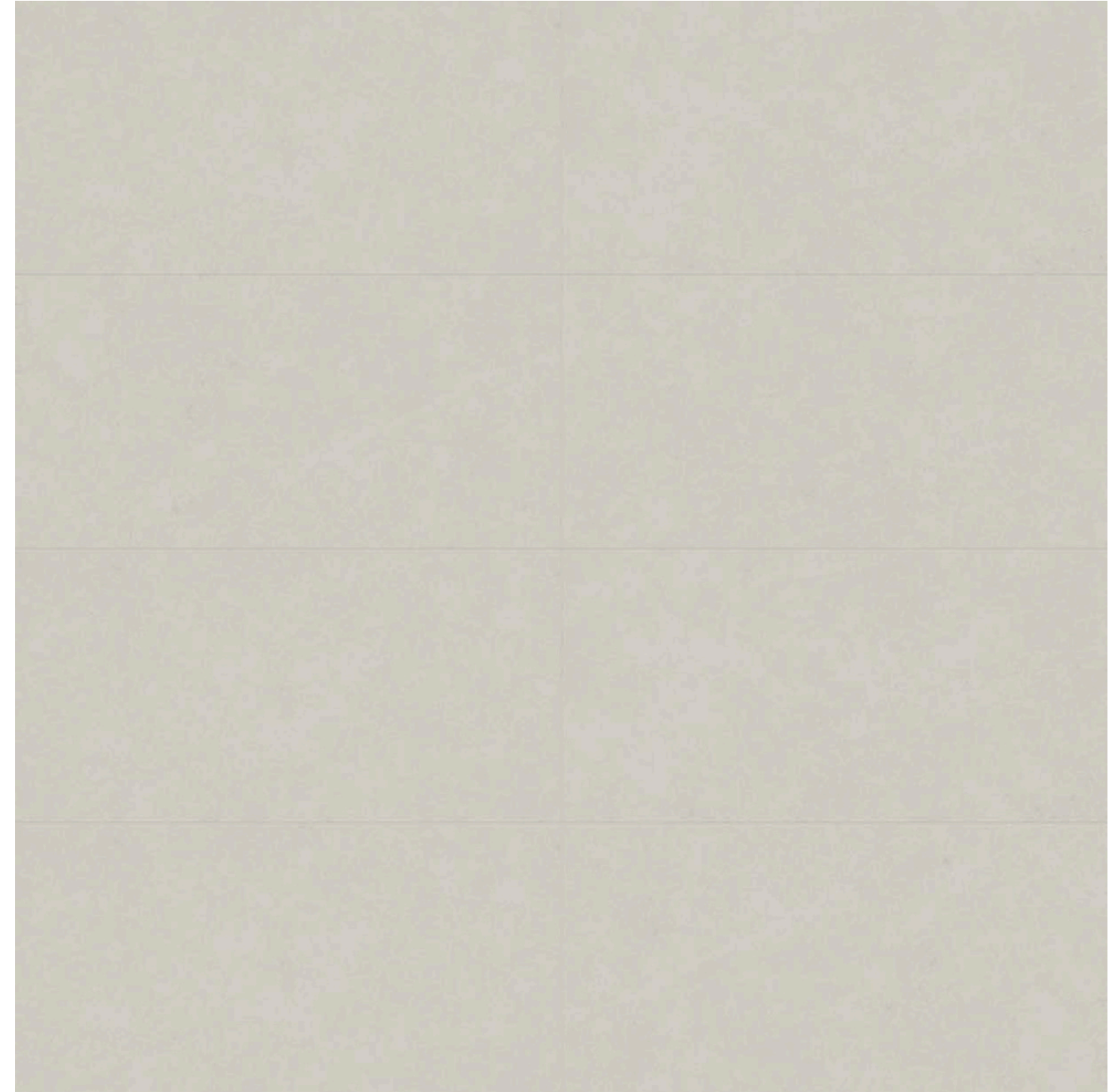


12 x 24 in Rectified Edged / Natural / Antiqued

Mosaic



4 inch Hexagon Mosaic - Natural



24 x 48 inch Romulus Level Dune Rectified Porcelain Tile

SLAB DESIGN TYPE: Random

T-938 Romulus, Level , Sand

Atmospheres that become a sanctuary of serenity.

IMAGE VARIATIONS

This collection has a wide variety of facings by size to maximize the realism it can convey within a design space.



63 x 126 x 0.24 inch Rectified Sintered Slab
Edged / Natural / Antiqued



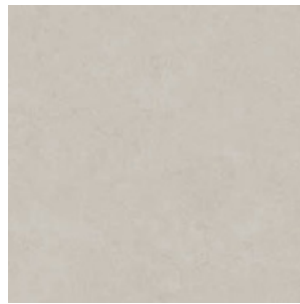
48 x 110 x 0.24 in Rectified Porcelain Slab
Edged / Natural



24 x 48 inch Rectified Edged / Natural / Antiqued
2 cm Rectified Paver - Antiqued



48 x 48 inch Rectified Edged / Natural



36 x 36 inch Rectified Edged / Natural
2 cm Rectified Paver - Antiqued



24 x 24 inch Rectified Edged / Natural / Antiqued

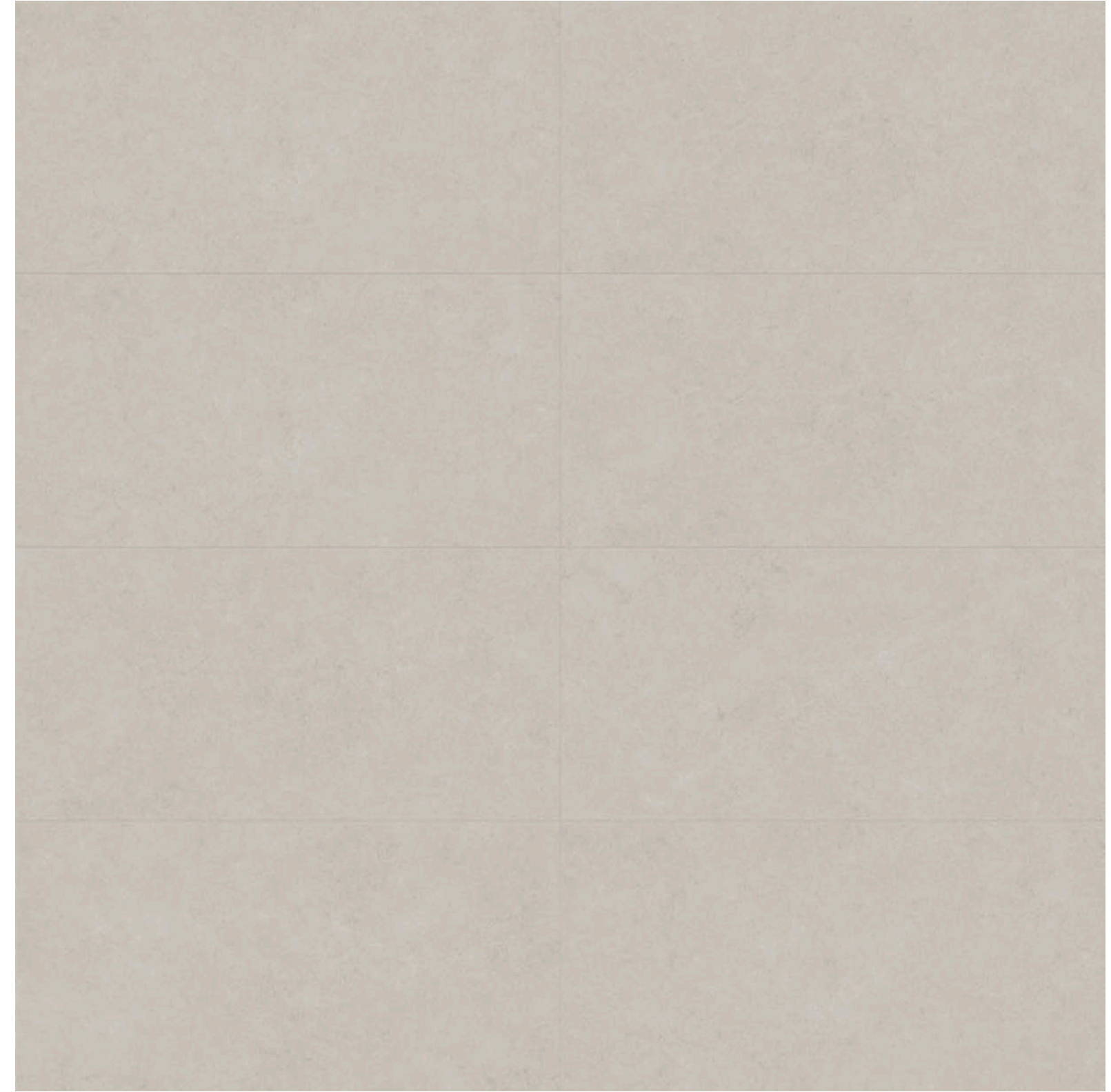


12 x 24 inch Rectified Edged / Natural / Antiqued

Mosaic



4 inch Hexagon Mosaic - Natural



24 x 48 inch

T-938 Romulus, Level, *Grey*

Calming and elegant ashen tone for surfaces of sophistication.

IMAGE VARIATIONS

This collection has a wide variety of facings by size to maximize the realism it can convey within a design space.



63 x 126 x 0.24 inch Rectified Sintered Slab
Edged / Natural / Antiqued



48 x 110 x 0.24 inch Rectified Porcelain Slab
Edged / Natural



24 x 48 inch
Edged / Natural / Antiqued
2 cm Rectified Paver - Antiqued



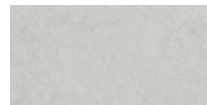
48 x 48 inch
Edged / Natural



36 x 36 inch Rectified
Edged / Natural
2 cm Rectified Paver - Antiqued



24 x 24 inch
Edged / Natural / Antiqued

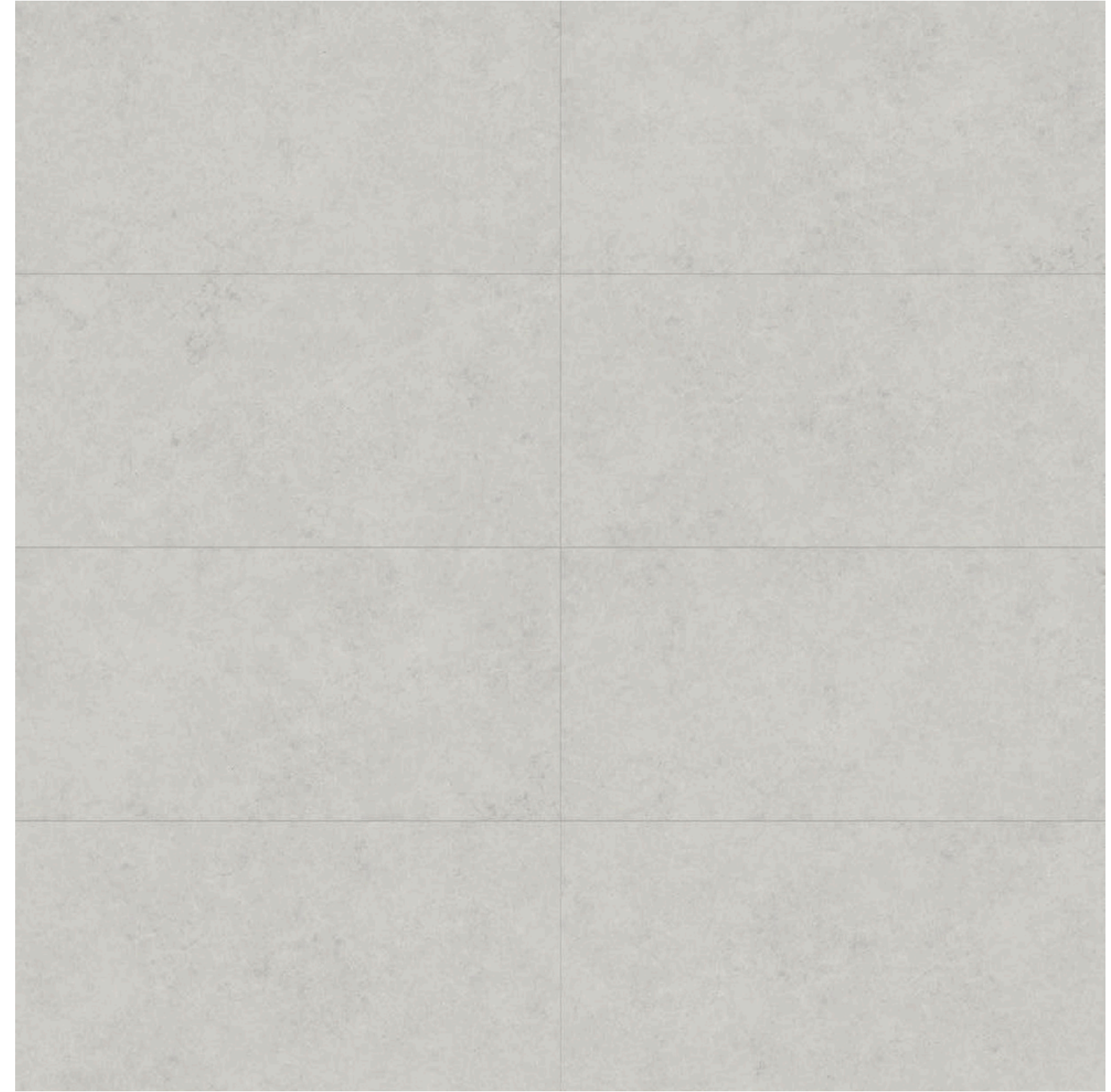


12 x 24 inch
Edged / Natural / Antiqued

Mosaic



4 inch Hexagon
Mosaic - Natural



24 x 48 inch

T-938 Romulus, Level, Dusk

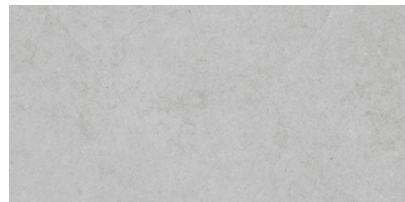
Enhances interiors with timeless elegance.

IMAGE VARIATIONS

This collection has a wide variety of facings by size to maximize the realism it can convey within a design space.



48 x 110 x 0.24 inch Rectified
Porcelain Slab
Edged / Natural [®]



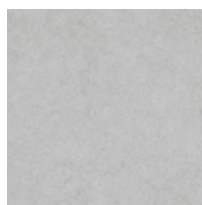
24 x 48 inch Rectified
Edged / Natural / Antiqued
2 cm Rectified Paver - Antiqued



48 x 48 inch Rectified
Edged / Natural



36 x 36 inch Rectified
Edged / Natural
2 cm Rectified Paver - Antiqued



24 x 24 inch
Rectified
Edged / Natural / Antiqued

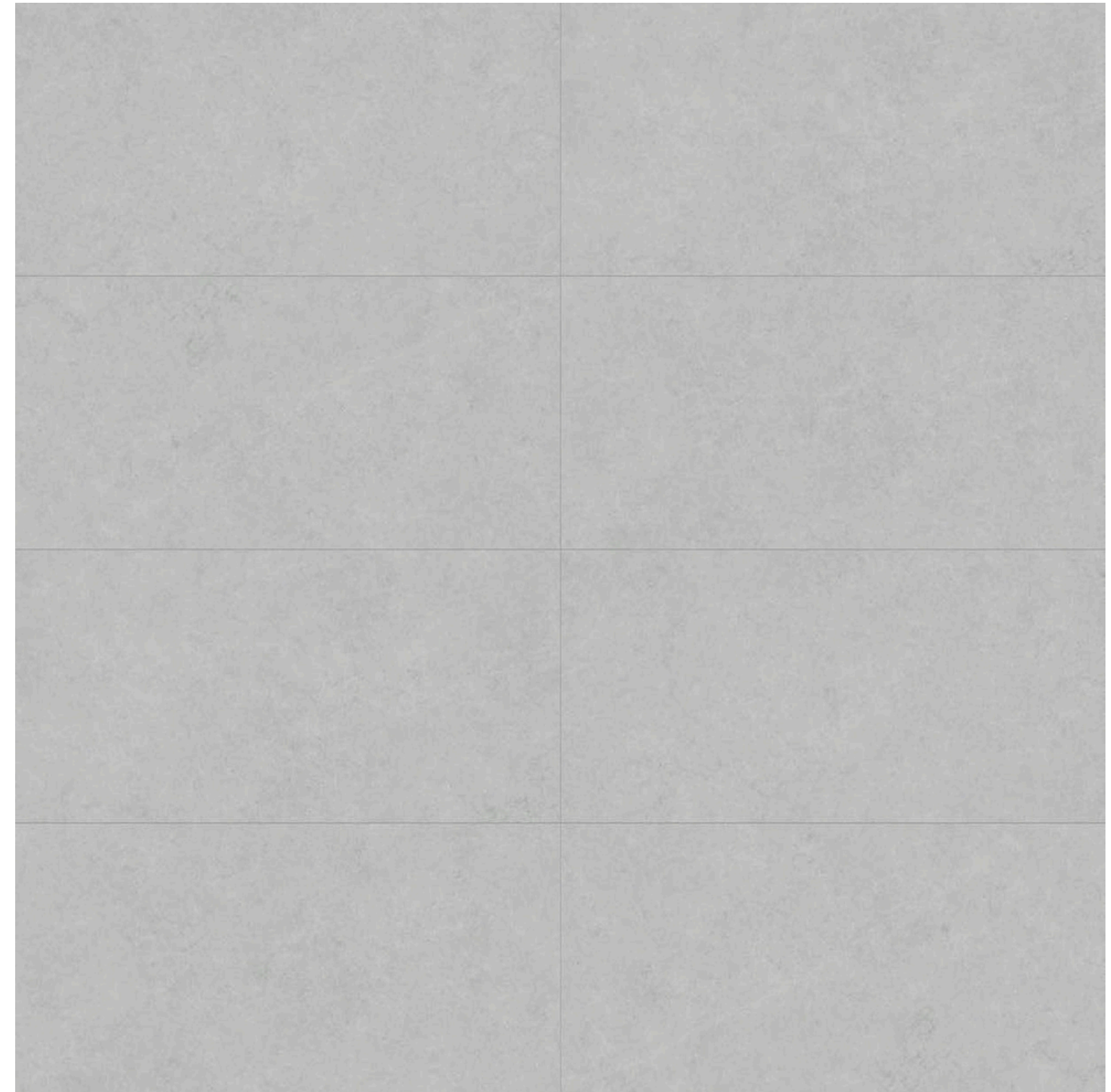


12 x 24 inch
Rectified
Edged / Natural / Antiqued

Mosaic



4 in Hexagon
Mosaic - Natural



24 x 48 inch

Technical and packaging information

	FINISH	ACTUAL	THICKNESS	SHADE VARIATION
36 x 72 in / 89.8 x 179.8 cm				
36 x 72 in / 89.8 x 179.8 cm RECTIFIED PORCELAIN TILE				
	EDGED	898 x 1798 mm	9 mm	V2
36 x 72 in / 89.8 x 179.8 cm RECTIFIED PORCELAIN TILE	NATURAL	898 x 1798 mm	9 mm	V2
36 x 72 in / 89.8 x 179.8 cm RECTIFIED PORCELAIN TILE	GRAINED	898 x 1798 mm	9 mm	V2
36 x 36 in / 89.8 x 89.8 cm				
36 x 36 in / 89.8 x 89.8 cm RECTIFIED PORCELAIN TILE				
36 x 36 in / 89.8 x 89.8 cm RECTIFIED PORCELAIN TILE	GLOSS	898 x 898 mm	9 mm	V2
Majesto Color: Ceppo di Gre Collections: Serena and Lithoform	HONED	898 x 898 mm	9 mm	V2
36 x 36 in / 89.8 x 89.8 cm RECTIFIED PORCELAIN TILE Remaining Majesto Colors	EDGED	898 x 898 mm	9 mm	V2
36 x 36 in / 89.8 x 89.8 cm Paver				
36 x 36 in / 89.8 x 89.8 cm RECTIFIED PORCELAIN PAVER				
	ANTIQUED	898 x 898 mm	20 mm	V2
36 x 36 in / 89.8 x 89.8 cm RECTIFIED PORCELAIN PAVER	GRAINED	898 x 898 mm	20 mm	V2
24 x 48 in / 59.8 x 119.8 cm				
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE				
Collections: Majesto, and Lustra	GLOSS	598 x 1198 mm	9 mm	V2
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	GLOSS	598 x 1198 mm	9 mm	V0
Collection: Monoforma				
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	EDGED	598 x 1198 mm	9 mm	V2
Majesto Colors: Travertino Titanium, Travertino Classico, Ceppo Di Gre Collections: Serena and Lithoform				
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	EDGED	598 x 1198 mm	9 mm	V2
Remaining Majesto Colors, and Lustra				
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	EDGED	598 x 1198 mm	9 mm	V0
Collection: Monoforma				
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	NATURAL	598 x 1198 mm	9 mm	V2
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	GRAINED	598 x 1198 mm	9 mm	V2
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	ANTIQUED	598 x 1198 mm	9 mm	V2
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN TILE	SATIN	598 x 1198 mm	9 mm	V0
24 x 48 in / 59.8 x 119.8 cm Paver				
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN PAVER				
	ANTIQUED	598 x 1198 mm	20 mm	V2
24 x 48 in / 59.8 x 119.8 cm RECTIFIED PORCELAIN PAVER	GRAINED	598 x 1198 mm	20 mm	V2

	INTERIOR RESIDENTIAL / COMMERCIAL	INTERIOR HEAVY COMMERCIAL	EXTERIOR RESIDENTIAL / COMMERCIAL	M2 SKID	SQFT SKID	KGS. SKID	LBS. SKID
WALL / FLOOR	WALL	WALL	WALL	51.68	556.32	979.8	2160.2
WALL / FLOOR	WALL	WALL	WALL / FLOOR	51.68	556.32	7	7
WALL / FLOOR	WALL	WALL	WALL / FLOOR	51.68	556.32	979.8	2160.2
						7	7
						979.8	2160.2
WALL / FLOOR	WALL	WALL	WALL	48.3	519.9	1050.02	2314.9
WALL / FLOOR	WALL	WALL	WALL	48.3	519.9	1050.02	2314.9
WALL / FLOOR	WALL	WALL	WALL	48.3	519.9	1050.02	2314.9
FLOOR	WALL / FLOOR	WALL / FLOOR	WALL / FLOOR	22.58	243.04	1078.05	2376.70
FLOOR	WALL / FLOOR	WALL / FLOOR	WALL / FLOOR	22.58	243.04	1078.05	2376.70
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
WALL / FLOOR	WALL	WALL	WALL	45.76	492.48	1014.39	2236.35
FLOOR	WALL / FLOOR	WALL / FLOOR	WALL / FLOOR	22.92	246.76	1094.47	2412.90
FLOOR	WALL / FLOOR	WALL / FLOOR	WALL / FLOOR	22.92	246.76	1094.47	2412.90

Usage recommendations: factors to consider

The following are the criteria used for Anatolia's Usage Recommendations for each specified wall / floor applications and are not ANSI/ISO standards:

Wall Application Criteria					
		STAIN RESISTANCE (ASTM C1378)	CHEMICAL RESISTANCE (ASTM C650)	BREAKING STRENGTH (ASTM C648)	FROST RESISTANCE (ASTM C1026)
INTERIOR	RESIDENTIAL	min. Class B	min. Class B	as Reported	as Reported
	COMMERCIAL	min. Class B	min. Class B	as Reported	as Reported
	HEAVY COMMERCIAL	min. Class B	min. Class B	min 275 lbf	as Reported
EXTERIOR	RESIDENTIAL / COMMERCIAL	min. Class B	min. Class B	min 275 lbf	Pass

Floor Application Criteria								
		STAIN RESISTANCE (ASTM C1378)	CHEMICAL RESISTANCE (ASTM C650)	ABRASION RESISTANCE (ASTM C1027)	DEEP ABRASION (ASTM C1243)	BREAKING STRENGTH (ASTM C648)	FROST RESISTANCE (ASTM C1026)	DCOF (ANSI A137.1)
INTERIOR	RESIDENTIAL	min. Class B	min. Class B	min. Class 3	-	min 250 lbf	as Reported	as Reported
	COMMERCIAL	min. Class A	min. Class A	min. Class 4	-	min 275 lbf	as Reported	as Reported
	HEAVY COMMERCIAL	min. Class A	min. Class A	min. Class 5	Max. 175 mm ³	min 275 lbf	as Reported	as Reported
EXTERIOR	RESIDENTIAL / COMMERCIAL	min. Class B	min. Class B	min. Class 4	-	min 275 lbf	Pass	≥ 0.55*

Usage examples

(includes, but is not limited to)

INTERIOR	RESIDENTIAL	Family dwellings
	COMMERCIAL	Car dealerships, restaurants, shopping areas, hotels
	HEAVY COMMERCIAL	Airports, public transit stations, large public stadiums
EXTERIOR	RESIDENTIAL / COMMERCIAL	Patios, walkways, porches

Technical characteristics

Standard EN14411

According to Annex G (normative) dry-pressed ceramic tiles with low water absorption

$E \leq 0,5\%$ GROUP BIA GL/ UGL

Technical characteristics		TEST METHOD	EN 14411- ANNEX G REQUIRED VALUES	ANATOLIA VALUES
DIMENSIONS AND SURFACE QUALITY	LENGTH AND WIDTH	EN ISO 10545-2	$N \geq 15 \text{ cm}; \pm \%0.6, \pm 2 \text{ mm}$	0.10%
	THICKNESS		$N \geq 15 \text{ cm}; \pm 5\%, \pm 0.5 \text{ mm}$	$\pm 0.2 \text{ mm}$
	RECTANGULARITY		$N \geq 15 \text{ cm}; \pm 0.5\%, \pm 2.0 \text{ mm}$	$\pm 0,05\%$
	STRAIGHTNESS OF SIDES		$N \geq 15 \text{ cm}; \pm 0.5\%, \pm 1.5 \text{ mm}$	$\pm 0,05\%$
	SURFACE FLATNESS; CENTRE CURVATURE, EDGE CURVATURE, WARPAGE		$N \geq 15 \text{ cm}; \pm 0.5\%, \pm 2.0 \text{ mm}$	0.20%
BREAKING STRENGTH (NEWTON)	THICKNESS < 7.5MM THICKNESS $\geq 7.5\text{MM}$	EN ISO 10545-4	Kalınlık < 7.5mm, S $\geq 700 \text{ N}$ Kalınlık $\geq 7.5\text{mm}$, S $\geq 1300 \text{ N}$	6 mm : $\geq 1500 \text{ N}$ 9 mm : $\geq 2600 \text{ N}$ 20 mm : $\geq 13000 \text{ N}$
MODULUS OF RUPTURE (N/mm ²)			$R \geq 35 \text{ N} / \text{mm}^2$	6 mm : $\geq 55 \text{ N} / \text{mm}^2$ 9 mm : $\text{mm}^2 \geq 51 \text{ N}$ 20 mm / $\text{mm}^2 \geq 50$ N / mm^2
WATER ABSORPTION		EN ISO 10545-3	$\leq 0.5\%$	< 0.1 %
ABRASION RESISTANCE		EN ISO 10545-6	$\leq 175 \text{ mm}^3$	Organic Matte, Vintage, Grained, Patinated: $\leq 120 \text{ mm}^3$ Silk, Polished, Honed: $\leq 140 \text{ mm}^3$
LINEAR THERMAL EXPANSION		EN ISO 10545-8	Declared Value	$6.0 \times 10^{-6} \text{ }^\circ\text{C}$
RESISTANCE TO THERMAL SHOCK		EN ISO 10545-9	Resistant	Resistant
FROST RESISTANCE		EN ISO 10545-12	Resistant	Resistant
CHEMICAL RESISTANCE		EN ISO 10545-13	Minimum Class B	Organic Matte, Vintage, Grained, Silk, Patinated: Class A Polished, Honed: Minimum Class B
STAIN RESISTANCE		EN ISO 10545-14	GL: Min.3 UGL: Declared Value	Organic Matte, Vintage, Grained, Silk, Patinated: Class 5 Polished, Honed: Class 4
SLIP RESISTANCE		DIN EN 16165 ANNEX B	Based on Usage Area	Organic Matte, Silk: R10 Patinated: R9 Vintage, Grained: R11 Polished, Honed: R(-)
		DIN EN 16165 ANNEX C	Based on Usage Area	Organic Matte, Patinated, Silk: $\geq 36 \text{ PTV}$ wet & dry Vintage, Grained: $\geq 45 \text{ PTV}$ wet & dry

Technical characteristics

Standard ANSI137.1

According to American Society Testing and Minerals (ASTM)

Technical characteristics		ANSI 137.1- REQUIRED VALUES	ANATOLIA VALUES
ASTM C499	Caliber Range (Variation from average facial dimension of sample)	$\pm 0.25\%$ or $\pm 0.03 \text{ in}$ ($\pm 0.8 \text{ mm}$)	0.10%
ASTM C499	Thickness	Range: 0.040 in (1.02 mm)	$\pm 0.2 \text{ mm}$
ASTM C485	Warpage Diagonal	$\pm 0.4\%$ or $\pm 0.07 \text{ in}$ ($\pm 1.8 \text{ mm}$)	$\pm 0,05\%$
ASTM C485	Warpage Edge	$\pm 0.4\%$ or $\pm 0.05 \text{ in}$ ($\pm 1.3 \text{ mm}$) or $\pm 1.8 \text{ mm}$	$\pm 0,05\%$
ASTM C502	Wedging	$\pm 0.25\%$ or $\pm 0.03 \text{ in}$ ($\pm 0.8 \text{ mm}$)	$\pm 0,05\%$
ASTM C1243	Abrasion Resistance	As Reported	Natural, Antiqued, Grained, Patinated: $\leq 120 \text{ mm}^3$ Satin, Gloss, Edged: $\leq 140 \text{ mm}^3$
ASTM C372	Linear Thermal Expansion	As Reported	$6.0 \times 10^{-6} \text{ }^\circ\text{C}$
ASTM C482	Bond Strength	$\geq 50 \text{ Psi}$ (0.34 Mpa)	310 Psi
ASTM C373	Water Absorption	Maximum 0.5%	$\leq 0.10\%$
ASTM C424	Crazing Resistance	Pass	Pass
ASTM C484	Thermal Shock	Pass	Pass
ASTM C650	Chemical Resistance	As Reported	Class A
ANSI A326.3	DCOF	As Reported	Organic Matte: ≥ 0.60 (ID, IW, IW+, EW*, O/G*) Vintage: ≥ 0.75 (ID, IW, IW+, EW*, O/G*) Grained: ≥ 0.75 (ID, IW, IW+, EW*, O/G*) Silk: ≥ 0.55 (ID, IW, IW+, EW*, O/G*) Patinated: ≥ 0.42 (ID, IW) Polished: $>0.50 \text{ DRY}$ (ID) Honed – Majesto Colors: Travertino Titanium, Travertino Classico, Ceppo D Collections: Serena and Lithoform: $>0.50 \text{ DRY}$ (ID) Honed – Monoforma, Lustra, and Remaining Majesto Colors: $>0.45 \text{ DRY}$ (ID)
ASTM C1378	Stain Resistance	As Reported	Class A
ASTM C1026	Frost Resistance	Pass	Pass
ASTM C648	Breaking Strength	Average $\geq 275 \text{ lbf}$ (1.22 kn) Individual 250 lbf (1.11 kn)	6 mm : ≥ 31 9 mm : 0 20 mm : ≥ 25 0