



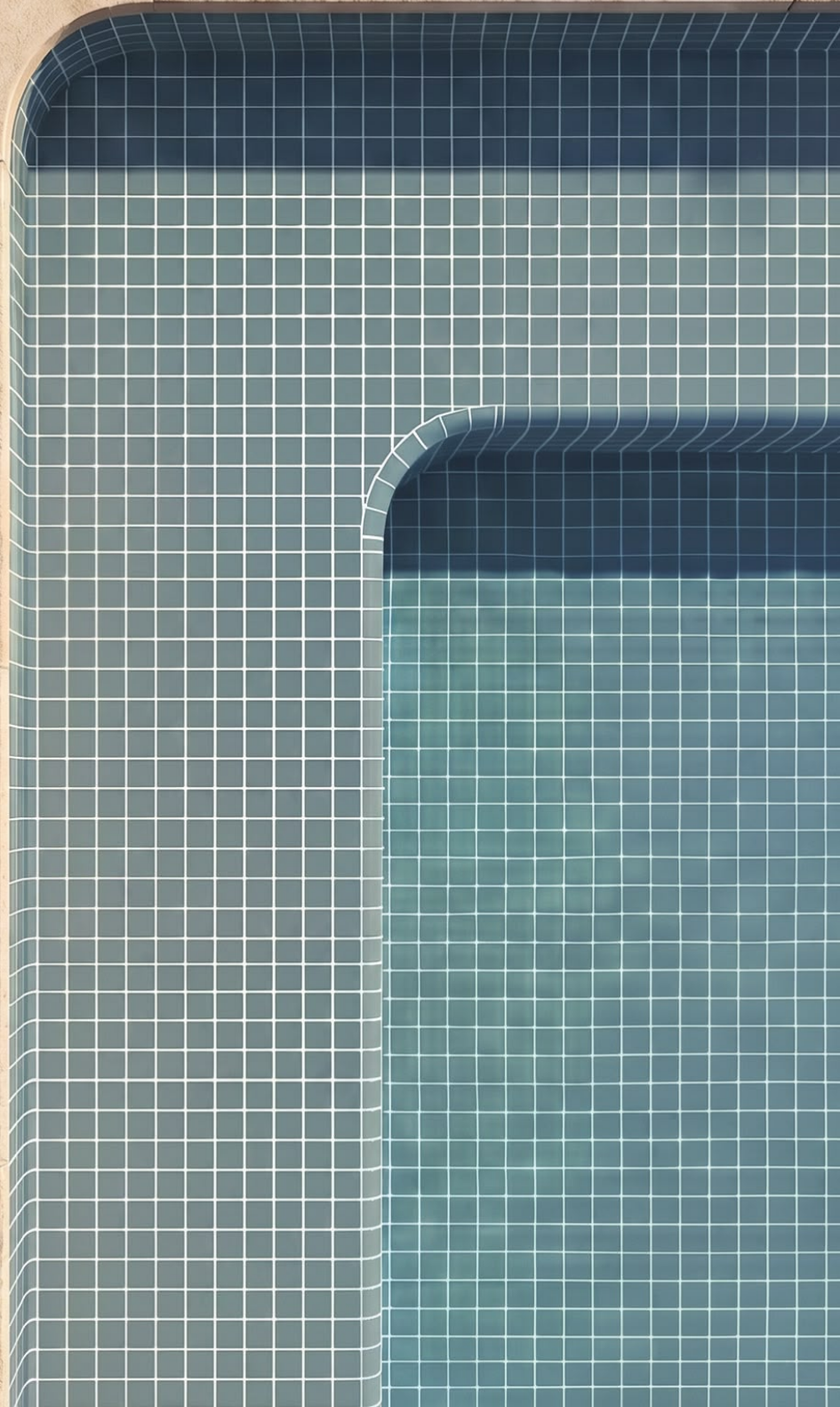
Opustone[®]
STONE | TILE CONCEPTS

Velare

porcelain
mosaics

Product Shown Below
Aurora 1" x 1" Mosaic
Products Shown on Cover
Ostrica ½" x 1½" Mosaic

Velare porcelain tiles convey personality through
texture, color, shape, and emotion.



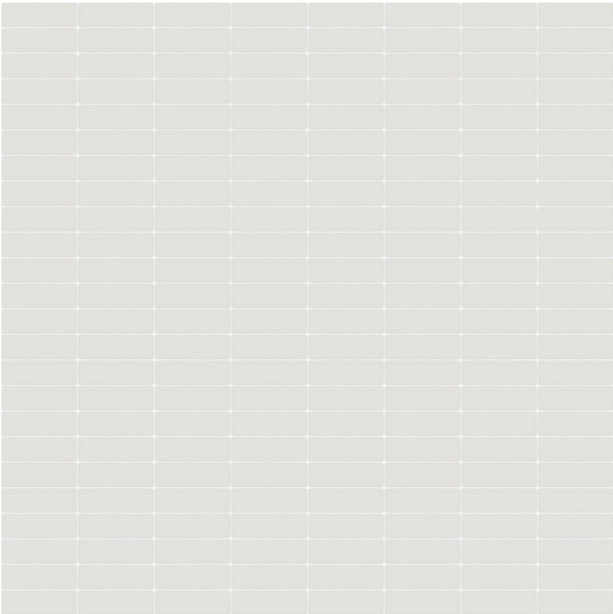
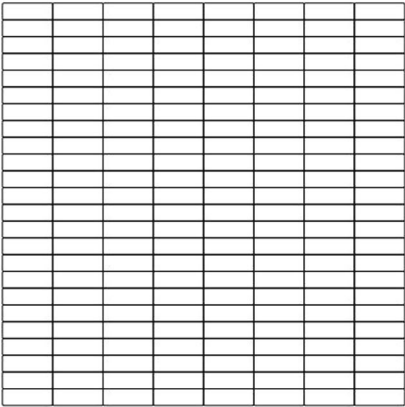


Product Shown
Ostrica 1" x 1" Mosaic

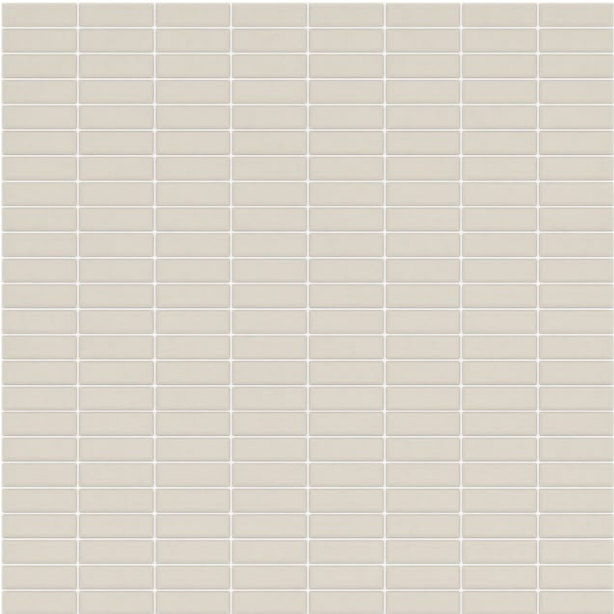
VELARE IN STOCK TILES

Additional colors and patterns are available through special order.

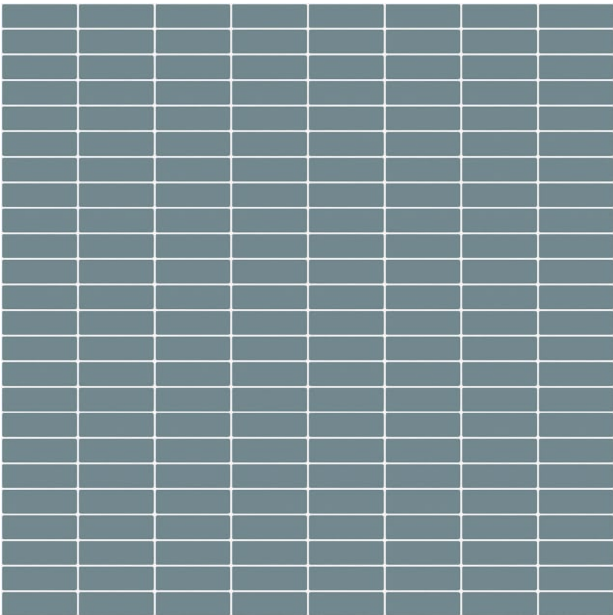
Sheet Size: 12" x 12"
Individual Piece: 1/2" x 1 1/2"
Thickness: 3/8"
Finish: Natural



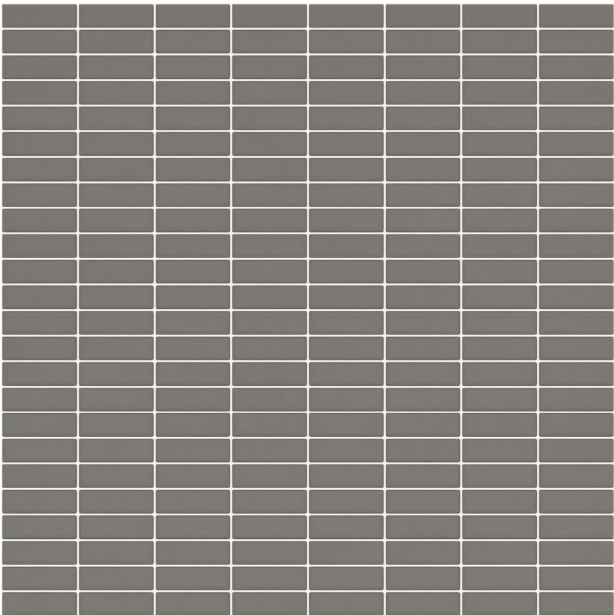
NEVE



OSSO



AURORA



OSTRICA

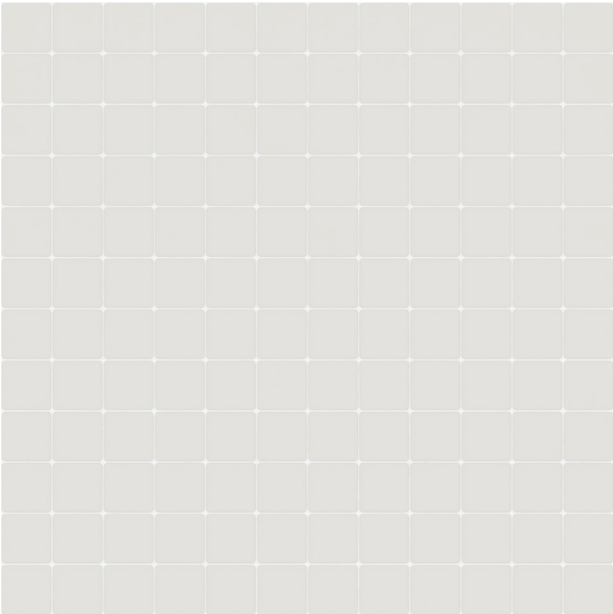
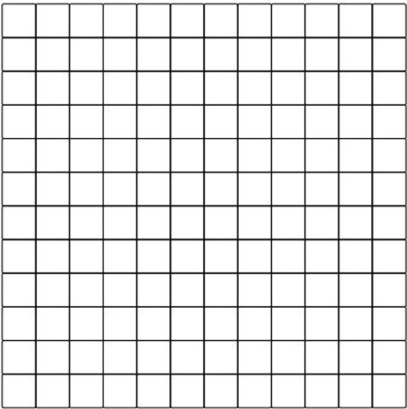
Products Shown
Osso 1/2" x 1 1/2" Mosaic



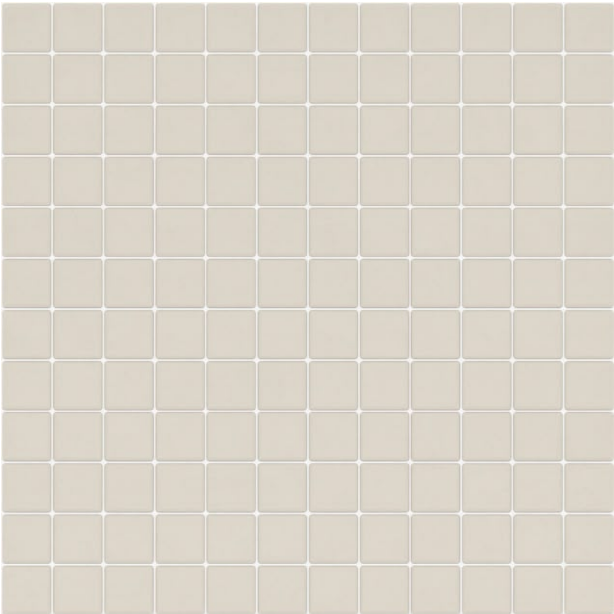
VELARE IN STOCK TILES

Additional colors and patterns are available through special order.

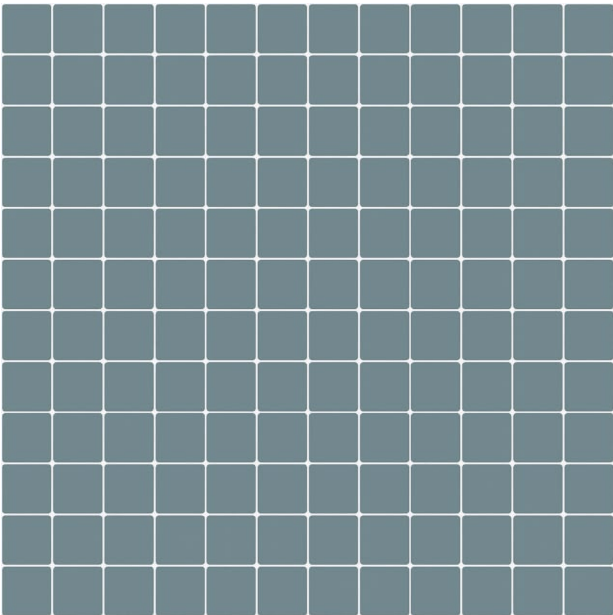
Sheet Size: 12" x 12"
Individual Piece: 1" x 1"
Thickness: 3/8"
Finish: Natural



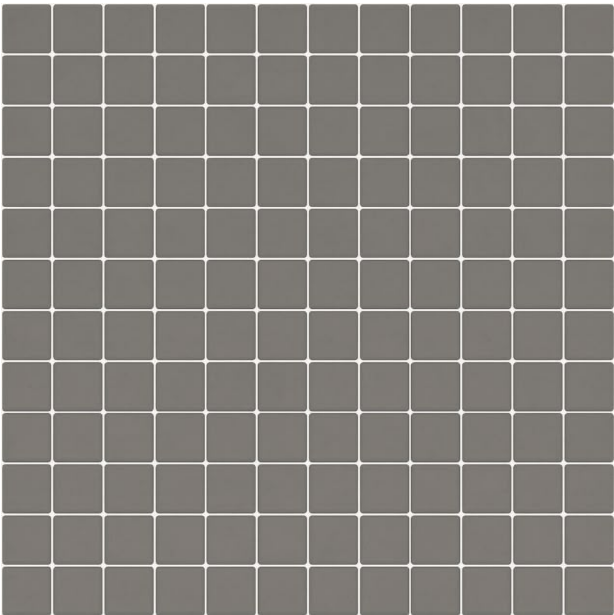
NEVE



OSSO



AURORA



OSTRICA

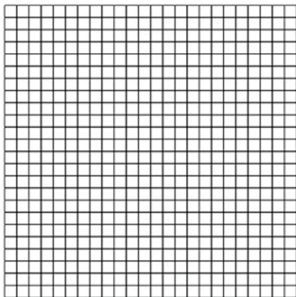
Product Shown
Neve 1" x 1" Mosaic



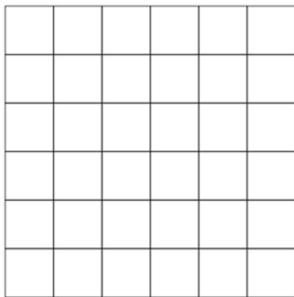
VELARE SPECIAL ORDER

Listed formats and colors are only available through special order. Formats listed below are also available in stock colors. Contact your nearest Opustone representative for additional information.

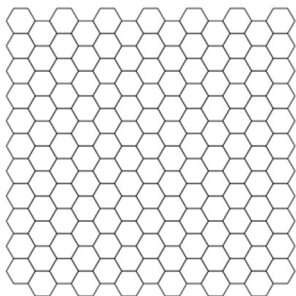
SPECIAL ORDER **FORMATS**



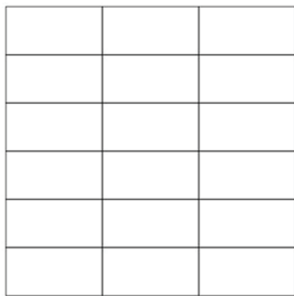
Sheet Size: 12" x 12"
Individual Piece: 1/2" x 1/2"
Thickness: 3/8"
Finish: Natural



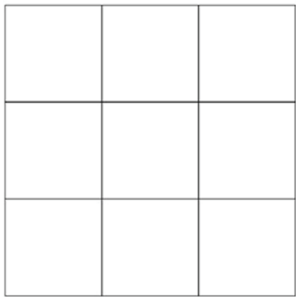
Sheet Size: 12" x 12"
Individual Piece: 2" x 2"
Thickness: 3/8"
Finish: Natural



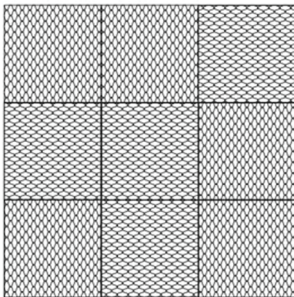
Sheet Size: 12" x 12"
Individual Piece: 1" x 1"
Thickness: 3/8"
Finish: Natural



Sheet Size: 12" x 12"
Individual Piece: 2" x 4"
Thickness: 3/8"
Finish: Natural

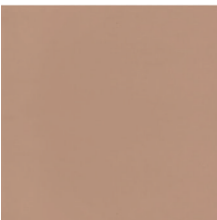


Sheet Size: 12" x 12"
Individual Piece: 4" x 4"
Thickness: 3/8"
Finish: Natural
4"x4" PIECES AVAILABLE IN BOTH MESH-MOUNTED AND LOOSE PIECES



Sheet Size: 12" x 12"
Individual Piece: 4" x 4"
Thickness: 3/8"
Finish: Texture
4"x4" PIECES AVAILABLE IN BOTH MESH-MOUNTED AND LOOSE PIECES

SPECIAL ORDER **COLORS**



Conchiglia



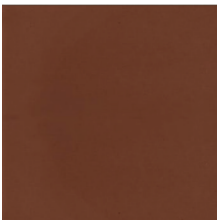
Miele



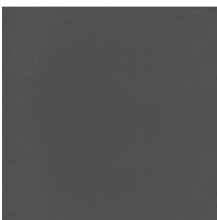
Burro



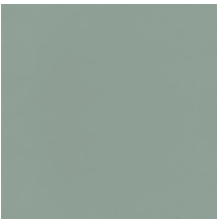
Corda



Nocciola



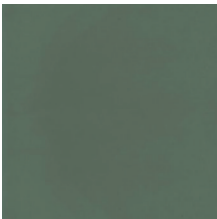
Cenere



Ruscello



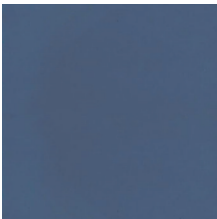
Salvia



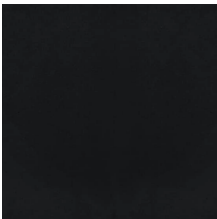
Muschio



Ottanio



Oceano



Anthracite

Special Order Color & Products Shown
Neve 2" x 2" Mosaic, Conchiglia 2" x 2" Mosaic,
Nocciola 2" x 2" Mosaic



ISO VELARE

SURFACE DIMENSIONS & QUALITY		STANDARD	TOLERANCES	RESULTS
Nominal Shape	Actual Size			
Mesh Mounted W 300 x 300 mm	Sides (W 298.4 x 298.4 mm)	ISO 10545-2	+/- 0.5%	+/- 0.2%
	Thickness (7.2 mm)		+/- 5%	+/- 4%
Surface qualities		ISO 10545-2	< 95%	< 95%
Straightness of the edges		ISO 10545-2	+/- 0.5%	+/- 0.4%
Squareness		ISO 10545-2	+/- 0.6%	+/- 0.4%
Flatness		ISO 10545-2	+/- 0.5%	+/- 0.4%
PHYSICAL PROPERTIES		STANDARD	REQUISITES	RESULTS
Water mass absorbed in %		ISO 10545-3	E <= 0.5% Appendice G	<= 0.5%
Breaking strength in N		ISO 10545-4	700 min. Appendice G	> 1800
Bending strength in N/mm ²		ISO 10545-4	35 min. Appendice G	> 50 N/mm ²
Impact resistance		ISO 10545-5	Testing method available	> 0.6 Appendice P
Abrasion resistance		ISO 10545-7	Indicated by producer	PEI V
Coefficient of linear thermal expansion		ISO 10545-8	Testing method available	< 7.6/°C
Thermal shock resistance		ISO 10545-9	Testing method available	Guaranteed
Moisture expansion		ISO 10545-10	Testing method available	< 0.4%
Crazing resistance		ISO 10545-11	Required	Guaranteed
Frost resistance		ISO 10545-12	Required	Guaranteed
CHEMICAL PROPERTIES		STANDARD	REQUISITES	RESULTS
Resistance to housekeeping chemical products and to additives used in swimming pools		ISO 10545-13	B min.	A
Resistance to diluted acid and alkali solutions		ISO 10545-13	Indicated by producer	LA
Resistance to highly concentrated acid and alkali solutions		ISO 10545-13	Testing method available	HA
Stain resistance		ISO 10545-14	Class 3 min.	3
Resistance of colors to sunlight		DIN 51094	Not envisaged	Guaranteed
Fire resistance		-	Decisione 96/603/ce	Class A1

ASTM VELARE

PHYSICAL PROPERTIES	STANDARD	REQUISITES	RESULTS
Coefficient of friction	DIN 51130	Natural finish - All formats	R10
Coefficient of friction	DIN 51097	Natural finish - All formats	B
Coefficient of friction	DIN 51130	Anti-slip finish - All formats	R12
Coefficient of friction	DIN 51097	Anti-slip finish - All formats	C
Water mass absorbed in %	ASTM C373	wa <= 0.5%	< 0.5% Class P1
Breaking strength in Lbf	ASTM C648	>= 250 lbf	>= 250 lbf
Thermal shock resistance	ASTM C484	Testing method available	Guaranteed
Crazing resistance	ASTM C424	Required	Guaranteed
Frost resistance	ASTM C1026	Required	Guaranteed
PHYSICAL PROPERTIES	STANDARD	REQUISITES	RESULTS
Resistance to chemical products	ASTM C650	Indicated by producer	Guaranteed
Stain resistance	ASTM C1378	Required	Guaranteed
PST TEST	TEST METHOD	REQUISITES	RESULTS
12.5 x 12.5 mm - 1/2" x 1/2" Dynamic coefficient of friction (DCOF)	ANSI A137.1	>0.42	0.6
12.5 x 37.5 mm - 1/2" x 1-1/2" Dynamic coefficient of friction (DCOF)	ANSI A137.1	>0.42	0.78
25 x 25 mm - 1" x 1" Dynamic coefficient of friction (DCOF)	ANSI A137.1	>0.42	0.67



Fort Lauderdale | Miami | West Palm Beach