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TECHNICAL DATA*									
ANSI A137.1: 2012 Version 1 Pressed Floor Tile, Class P1 - Impervious (Porcelain) - w.a. ≤ 0.5%									
ANSI A137.1: 2012 Version 1 Glazed Wall Tile, Class P4 - Non-Vitreous - 7.0% < w.a. ≤ 20.0%									
Property	Test Method	Minimum	Maximum	Obs.	Results	Minimum	Maximum	Obs.	Results
Nominal Size	ASTM C499	-2.00%	2.00%	-	OK	-3.00%	3.00%	-	OK
Caliber Range	ASTM C499	-0.30% or -0.04 in (-1.0 mm)	0.30% or 0.04 in (1.0 mm)	1	± 0.25%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.05%
Warpage Edge	ASTM C495	-0.30% or -0.04 in (-1.0 mm)	0.40% or 0.05 in (1.3 mm)	1	± 0.25%	-0.75% or -0.09 in (-2.3 mm)	0.75% or 0.09 in (2.3 mm)	1	± 0.25%
Warpage Diagonal	ASTM C495	-0.30% or -0.05 in (-1.3 mm)	0.40% or 0.07 in (1.8 mm)	1	± 0.25%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.25%
Wedging	ASTM C502	-0.40% or -0.05 in (-1.3 mm)	0.40% or 0.05 in (1.3 mm)	1	± 0.25%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.25%
Thickness	ASTM C499	N/A	Range: 0.031 in (0.79 mm)	3	± 5%	N/A	Range: 0.040 in (1.02 mm)	3	± 5%
Visible Abrasion Resistance (Only GL Tiles)	ASTM C1027	-	-	-	-	As Reported	As Reported	5	See Catalog
Deep Abrasion (Only UGL Tiles)	ASTM C1243	-	-	-	-	-	See Table 11	-	< 155 mm ³
Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)	-	-	Conforms	≥ 50 psi (0.34 Mpa)	-	-	Conforms
Water Absorption	ASTM C373	P4	P4	-	P4 (18.0% to 20.0%)	0.00%	0.50%	-	P1 (up to 0.5%)
Color Uniformity	ASTM C609	n.a.	VD – 3 Judds	2	n.a.	n.a.	VD – 3 Judds	2	n.a.
Crazing Resistance	ASTM C424	Pass	-	-	Resists	Pass	-	5	Resists
Thermal Shock	ASTM C494	Pass	-	-	Resists	Pass	-	5	Resists
Chemical Resistance	ASTM C650	As Reported	As Reported	-	GA, GLA	As Reported	As Reported	-	GA, GLA
DCOF	Section 9.6	-	-	-	-	0.42	-	6	Conform
Stain Resistance	ASTM C1378	As Reported	As Reported	-	Class 5	As Reported	As Reported	-	Class 5
Breaking Strength	ASTM C648	Average ≥ 125 lbf (0.56 kN) Indiv. ≥ 100 lbf (0.44 kN)	-	-	≥ 0.50 kN	Average ≥ 250 lbf (1.11 kN) Indiv. ≥ 225 lbf (1.00 kN)	-	-	≥ 1.40 kN
Resistance to Freeze / Thaw Cycling	ASTM C1026	As Reported	As Reported	4	Non Resistant	As Reported	As Reported	4	Resists

n.a. Not Applicable n.p.d. No Performance Declared GL Glazed Tiles UGL Unglazed Tiles

*Applicable to plain tiles only.
(1) Whichever is less. (2) Class V0 Tile Only. (3) May not apply to textured surfaces or tiles with uneven back patterns. (4) When installation subject to freeze / thaw conditions. (5) Glazed Tile Only. (6) For level interior spaces expected to be walked upon when wet. ** Whichever is less for tiles up to 24"×24" (610×610 mm). ** Applies to tiles larger than 24"×24" (610×610 mm).

DISCLAIMER: Specifications subject to change without further notice. This information is issued as is and without any further warranty of fitness for a particular purpose, so in no event shall ca be liable for any direct, indirect, or consequential damage whatsoever arising out of or in any way related to the use of their product.

PACKING AND WEIGHTS					
Format	Thickness	Box 			
		Pcs per Ctn	Square Feet	Pounds	
Floor Tiles	12"×24"	0.394 in	6	11.70	51.10
	4"×12"	0.315 in	42	13.60	48.50
	13"×13"	0.315 in	12	14.40	49.70
Mosaic	2"×2" Hexagon Mosaic	0.315 in	9	9.55	27.60
	2"×2" Basketweave Mosaic	0.315 in	10	10	35.30
Trim Pieces	3"×13" Bullnose	0.315 in	38	-	39.70
Wall Tiles	10"×22"	0.315 in	10	14.80	41.70
	10"×22" Wave	0.315 in	10	14.80	41.70
Trim Pieces	3"×10" Bullnose	0.315 in	44	528 LF	25.20



ELEGANT STONE II

10"×22" | 12"×24" | 4"×12" | 13"×13"
2"×2" HEXAGON MOSAIC | 2"×2" MOSAIC





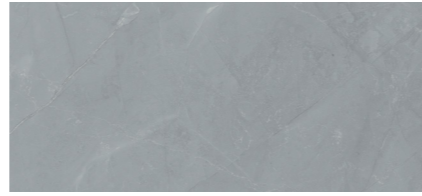
ELEGANT STONE II

10"×22" | 12"×24" | 4"×12" | 13"×13"
 2"×2" HEXAGON MOSAIC | 2"×2" MOSAIC

Glazed Wall Tiles, Non-Vitreous
 Pressed Floor Tiles, Impervious (Porcelain)



10"×22"



Amani Grey O1022ESAG



BULLNOSE
 3"×10"
 O310ESBNAG



Onice Bianco O1022ESOB



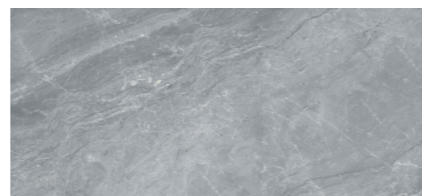
O310ESBNOB



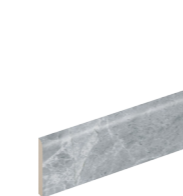
Dolomite Bianco O1022ESDB



O310ESBNDB

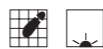


Orobico Silver O1022ESOS



O310ESBNOS

4"×12"



Amani Grey
 O412ESAG

12"×24"



Amani Grey O1224ESAG8



BULLNOSE
 3"×13"
 O313ESBNAG



Onice Bianco O1224ESOB8



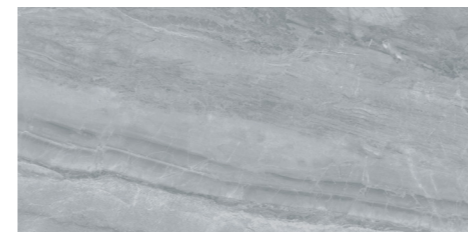
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Dolomite Bianco O1224ESDB8



O313ESBNDB

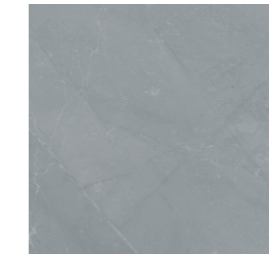


Orobico Silver O1224ESOS8



O313ESBNOS

13"×13"



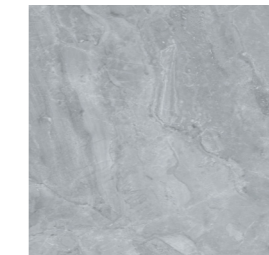
O1313ESAG



O1313ESOB



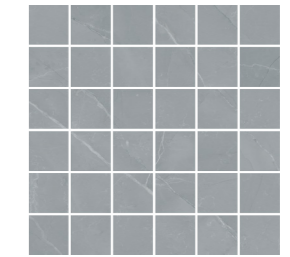
O1313SDB



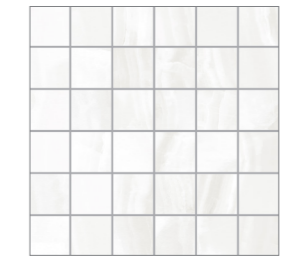
O1313ESOS



2"×2" Mosaic



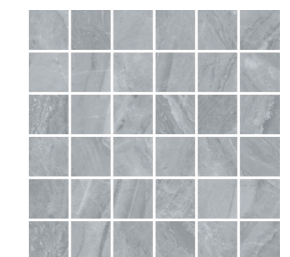
Amani Grey O22ESAG



Onice Bianco O22ESOB

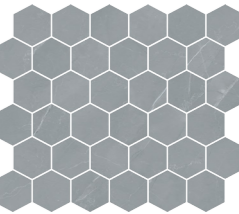


Dolomite Bianco O22ESDB

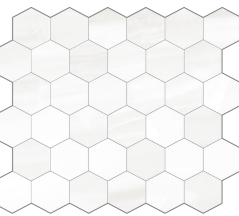


Orobico Silver O22ESOS

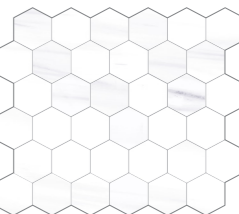
2"×2" Hexagon Mosaic



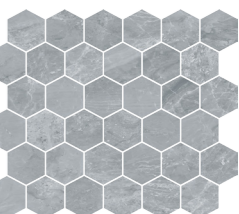
Amani Grey O22ESHAG



Onice Bianco O22ESHOB



Dolomite Bianco O22ESHDB



Orobico Silver O22ESHOS