

Concrete Look

GRAIN



 atlas concorde

SOLUTION

Micro & Macro Grain

FLOOR
Grain **Sand Terrazzo**
Matte
60x120

Grain **Sand**
Matte
60x120





FLOOR
Grain **Sand**
Matte
60x120

Grain **Sand Terrazzo**
Matte
60x120

OUTDOOR FLOOR
Grain **Sand**
Grip
60x60

WALL
Grain **Forest Brick**
Glossy
7,5x30





FLOOR
Grain Ash
Matte
60x120

WALL
Grain Earth Brick
Glossy
7,5x30

Grain Ash Terrazzo
Matte
60x120





FLOOR
Grain Ivory
Matte
60x120

WALL
Grain Moss Brick
Glossy
7,5x30

Grain Forest
Matte
40x80





INDOOR FLOOR
Grain **Wool Terrazzo**
Matte
60x120

OUTDOOR FLOOR
Grain **Wool**
Grip
60x60

WALL
Grain **Moss**
Matte
40x80

COUNTERTOP
Grain **Forest Brick**
Glossy
7,5x30





INDOOR FLOOR
Grain **Earth**
Matte
60x60

OUTDOOR FLOOR
Grain **Earth**
Grip
60x60



FLOOR
Grain Earth
Matte
60x60

FLOOR



WALL



BRICK



Porcelain tiles

PORCELAIN TILES – Gres porcellanato - Grès cérame
Feinsteinzeug - Gres porcelánico - Керамический гранит
RECTIFIED MONOCALIBER – Rettificato monocalibro - Rectifié mono calibre
Geschliffen einkalibrig - Rectificado monocalibre - Ретифицированный в одном калибре

Destination of use



Matte $\pm$ 8mm
Grip $\pm$ 8 mm

Anti-slip



R10 B Matte $\pm$ 8 mm
R11 C Grip $\pm$ 8 mm

Color-Shading

V2 Slight Variation all colors

MATTE SURFACE

60x120 cm - 23⁵/₈"x47¹/₄" $\pm$ 8 mm Matte **R10 B**

60x120 cm Terrazzo - 23⁵/₈"x47¹/₄" $\pm$ 8 mm Matte **R10 B**

60x60 cm - 23⁵/₈"x23⁵/₈" $\pm$ 8 mm Matte **R10 B**

60x60 cm Terrazzo - 23⁵/₈"x23⁵/₈" $\pm$ 8 mm Matte **R10 B**

> Sand, Wool

30x30 cm - 11³/₄"x11³/₄" $\pm$ 8 mm Matte **R10 B**

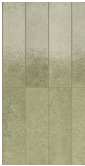
OUTDOOR AND WET AREAS

60x60 cm - 23⁵/₈"x23⁵/₈" $\pm$ 8 mm Grip **R11 C**

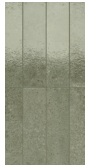
> Sand, Wool, Earth

Decor range Porcelain tiles

Brick
Moss Glossy
7,5x30 - 3"x11³/₄"



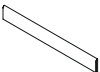
Brick
Forest Glossy
7,5x30 - 3"x11³/₄"



Brick
Earth Glossy
7,5x30 - 3"x11³/₄"



Trim tiles



Battiscopa
7,2x60 cm - 2⁷/₈"x23⁵/₈"

> Ivory, Sand, Ash, Wool, Earth



Gradino
30x60 cm - 11³/₄"x23⁵/₈"

Wall tiles

RECTIFIED MONOCALIBER – Rettificato monocalibro - Rectifié mono calibre
Geschliffen einkalibrig - Rectificado monocalibre - Ретифицированный в одном калибре

Color-Shading

V2 Slight Variation all colors

MATTE SURFACE

40x80 cm - 15³/₄"x31¹/₂" $\pm$ 9,5 mm Matte

> Moss, Forest

PORCELAIN TILES Gres porcellanato
GRES CÉRAME / FEINSTEINZEUG / GRES PORCELÁNICO

GLAZED PORCELAIN TILES Gres porcellanato smaltato
CARREAUX EN GRÉS CÉRAME ÉMAILLÉ / GLASIERTE FEINSTEINZEUGFLIESEN / GRES PORCELÁNICO ESMALTADO

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE CARACTERISTIQUES TECHNIQUES / CARACTERÍSTICAS TÉCNICAS Complies with EN 14411 (ISO 13006) Appendix G Group B1a Conforme alla norma EN 14411 (ISO 13006) Appendice G Gruppo B1a				Requirements for nominal size N Requisiti per dimensione nominale N			GRAIN						
				7 cm ≤ N < 15 cm			N ≥ 15 cm			PORCELAIN TILES		WALL TILES	
				(mm)	(%)	(mm)	Matte	Grp	Brck - Glossy Not Rectified	Matte			
Regularity characteristics Caratteristiche di regolarità		Length and width Lunghezza e larghezza	ISO 10545-2	± 0.9 mm Non-rect. ± 0.4 mm Rect.	± 0.6 mm Non-rect. ± 0.3 mm Rect.	± 2.0 mm Non-rect. ± 1.0 mm Rect.	Suitable for Conforme	Suitable for Conforme	Suitable for Conforme	Suitable for Conforme			
		Thickness Spessore		± 0.5 mm	± 0.5 mm	± 0.5 mm							
		Straightness of sides Ritiratezza degli spigoli		± 0.8 mm Non-rect. ± 0.4 mm Rect.	± 0.5 mm Non-rect. ± 0.3 mm Rect.	± 1.5 mm Non-rect. ± 0.8 mm Rect.							
	Rectangularity [Measurement only on short edges when L ≥ 3] Ortogonalità [Misurazione da condurre solo sui lati corti quando L ≥ 3]	± 0.8 mm Non-rect. ± 0.4 mm Rect.	± 0.5 mm Non-rect. ± 0.3 mm Rect.	± 2.0 mm Non-rect. ± 1.5 mm Rect.									
		Surface flatness Planarità	c.c. ± 0.8 Non-rect. c.c. ± 0.6 Rect.	c.c. ± 0.5 Non-rect. c.c. ± 0.4 Rect.	c.c. ± 2.0 Non-rect. c.c. ± 1.8 Rect.	Suitable for Conforme					Suitable for Conforme	Suitable for Conforme	Suitable for Conforme
			e.c. ± 0.8 Non-rect. c.c. ± 0.6 Rect.	e.c. ± 0.5 Non-rect. c.c. ± 0.4 Rect.	e.c. ± 2.0 Non-rect. c.c. ± 1.8 Rect.								
		w. ± 0.8 Non-rect. c.c. ± 0.6 Rect.	w. ± 0.5 Non-rect. c.c. ± 0.4 Rect.	w. ± 2.0 Non-rect. c.c. ± 1.8 Rect.									
Structural characteristics Caratteristiche strutturali		Water absorption (in % by mass) Massa d'acqua assorbita (come % della massa)	ISO 10545-3	E ≤ 0.5% Individual max 0.6% E ≤ 0.5% Valore max singolo 0.6%			≤ 0.1%	≤ 0.1%	≤ 0.1%	10% < EV ≤ 20%			
			ASTM C373-18	Requirement ANSI A137.1 Water absorption max ≤ 0.5%			≤ 0.5%	≤ 0.5%	≤ 0.5%	-			
Bulk mechanical characteristics Caratteristiche meccaniche massive		Breaking strength Sforzo di rottura	ISO 10545-4	S ≥ 700N (for thickness > 7.5 mm - per spessore > 7.5 mm) S ≥ 1300N (for thickness > 7.5 mm - per spessore > 7.5 mm)			S ≥ 1500 N	S ≥ 1500 N	S ≥ 1500 N	S ≥ 600 N			
		Modulus of rupture Resistenza alla flessione		R ≥ 35 N/mm²			R ≥ 40 N/mm²	R ≥ 40 N/mm²	R ≥ 40 N/mm²	R ≥ 15 N/mm²			
Surface mechanical characteristics Caratt. meccaniche superficiali		Impact resistance, as coefficient of restitution Resistenza all'impatto, espresso come coefficiente di restituzione	ISO 10545-5	Declared value Valore dichiarato			≥ 0.55	≥ 0.55	≥ 0.55	-			
Thermal and hygrometric characteristics Caratteristiche termo-igrometriche		Resistance to deep abrasion of unglazed tiles (removed volume) Resistenza all'abrasione profonda delle piastrelle non smaltate (volume materiale asportato)	ISO 10545-6	≤ 175 mm³			≤ 150 mm³	≤ 150 mm³	-	-			
		Coefficient of thermal linear expansion Coefficiente di dilatazione termica lineare	ISO 10545-8	Declared value Valore dichiarato			≤ 7 MK⁻¹	≤ 7 MK⁻¹	≤ 7 MK⁻¹	≤ 7 MK⁻¹			
		Thermal shock resistance Resistenza agli sbalzi termici	ISO 10545-9	Pass according to EN ISO 10545-1 Test superato in accordo con ISO 10545-1			Resistant Resiste	Resistant Resiste	Resistant Resiste	Resistant Resiste			
		Moisture expansion (in mm/m) Dilatazione all'umidità (in mm/m)	ISO 10545-10	Declared value Valore dichiarato			≤ 0.01% (0.1mm/m)	≤ 0.01% (0.1mm/m)	≤ 0.01% (0.1mm/m)	≤ 0.06% (0.6mm/m)			
		Crazing resistance: glazed tile Resistenza al cavillo	ISO 10545-11	-			-	-	Resistant Resiste	Resistant Resiste			
		Frost resistance Resistenza al gelo	ISO 10545-12	Pass according to EN ISO 10545-1 Test superato in accordo con ISO 10545-1			Resistant Resiste	Resistant Resiste	Resistant Resiste	-			
Physical properties Proprietà fisiche		Bond strength/adhesion for improved cementitious adhesives Adesione a trazione con adesivi cementizi migliorati	EN 1348	Declared value Valore dichiarato			≥ 1.0 N/mm² (Class C2 - EN 12004)	≥ 1.0 N/mm² (Class C2 - EN 12004)	≥ 1.0 N/mm² (Class C2 - EN 12004)	≥ 1.0 N/mm² (Class C2 - EN 12004)			
Chemical characteristics Caratteristiche chimiche		Reaction to fire Reazione al fuoco		Class A1 or A1 _g Classe A1 oppure A1 _g			A1 - A1 _g	A1 - A1 _g	A1 - A1 _g	A1			
		Resistance to household chemicals and swimming pool salts Resistenza ai prodotti chimici di uso domestico ed agli additivi per piscina	ISO 10545-13	Minimum Class B Classe minima B			A	A	A	A			
		Resistance to low concentrations of acids and alkalis Resistenza a basse concentrazioni di acidi e alcali		Declared Class Classe dichiarata			LA	LA	LA	LA			
Resistance to high concentrations of acids and alkalis Resistenza ad alte concentrazioni di acidi e alcali	Declared Class Classe dichiarata			HA	HA	HA	HA						
		Resistance to staining for unglazed tiles Resistenza alle macchie per piastrelle non smaltate	ISO 10545-14	Declared Class Classe dichiarata			5	5	5	5			
Safety characteristics Caratteristiche di sicurezza (1/2)		Release of dangerous substances: Cadmium (in mg/dm²) and Lead (in mg/dm²) Rilascio di sostanze pericolose: Cadmio (in mg/dm²) e Piombo (in mg/dm²)	ISO 10545-15	Declared value Valore dichiarato			-	-	-	≤ 0.01 mg/dm² Cd ≤ 0.01 mg/dm² Pb			
		Shod Ramp Test Metodo della rampa "calzato"	DIN EN 10685 ANNEX B (EX DIN 51130)	Declared value Valore dichiarato			R10	R11	-	-			
		Barefoot Ramp Test Metodo della rampa a piedi nudi	DIN EN 10685 ANNEX A (EX DIN 51097)	Declared value Valore dichiarato			A+B	A+B+C	-	-			
		Pendulum Friction Test Metodo del Pendolo	BS EN 10685 ANNEX C (EX BS 7976)	PTV ≥ 36 classifies the surface as "low slip risk"			≥ 36 Dry ≥ 36 Wet	≥ 36 Dry ≥ 36 Wet	-	-			
		Pendulum Friction Test Metodo del Pendolo	AS 4586	Declared Classification of the new pedestrian surface materials according to the Pendulum Test			Class P3	Class P4	-	-			
		Pendulum Friction Test Metodo del Pendolo	UNE 41901 EX 2017	Declared value Valore dichiarato			Class C2	Class C3	-	-			
		Coefficient of friction (COF) Coefficiente di attrito	B.C.R.A. Rep CEC/81	D. M. 236/89 del 14/06/89 μ>0,40 per elemento scivolante su pavimento asciutto μ>0,40 per elemento scivolante su pavimento bagnato			>0,40 Asciutto >0,40 Bagnato	>0,40 Asciutto >0,40 Bagnato	-	-			
Dynamic coefficient of friction (DCOF) Coefficiente di attrito dinamico	ANSI A 326.3	ANSI A 137.1-2017 Requires a minimum value of 0.42 for level interior space expected to be walked upon when wet. (3)			wet DCOF ≥ 0.50	wet DCOF ≥ 0.55	-	-					

^{mm} The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (WS). Deviazione ammissibile, in % oppure mm, della dimensione media di ogni piastrella (2 oppure 4 lati) dalla dimensione di fabbricazione (WS).
^{mm} The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (WS). Deviazione ammissibile, in % oppure mm, dello spessore medio di ogni piastrella dallo spessore riportato nella dimensione di fabbricazione (WS).
^{mm} The maximum permissible deviation from straightness, in % or mm, related to the corresponding work size (WS). Deviazione massima ammissibile di rettilineità, in % oppure mm, in rapporto alla dimensione di fabbricazione (WS) corrispondenti.
^{mm} The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work size (WS). Deviazione massima ammissibile di ortogonalità, in % oppure mm, in rapporto alla dimensione di fabbricazione (WS) corrispondenti.
^{c.c.} The maximum permissible deviation from centre curvature, in % or mm, related to diagonal calculated from the work size (WS). Deviazione massima ammissibile della curvatura del centro, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (WS).
^{e.c.} The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work size (WS). Deviazione massima ammissibile della curvatura dello spigolo, in % oppure mm, in rapporto alle dimensioni di fabbricazione (WS) corrispondenti.
^w The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work size (WS). Deviazione massima ammissibile dello svergamento, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (WS).
¹⁾ Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance). Determinazione della resistenza allo scivolamento delle superfici pedonabili; non si applica alle pavimentazioni sportive ed alle pavimentazioni stradali veicolari.
²⁾ Anti-slip performance is guaranteed at the time of delivery of the product. Le prestazioni anti-slip vengono garantite al momento della consegna del prodotto.
³⁾ However, tiles with a DCOF of 0.42 or greater are not necessarily suitable for all projects. The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers guidelines and recommendations.
⁴⁾ For further details, please refer to outdoor design general catalogue. Per maggiori informazioni riferirsi al catalogo generale Outdoor Design.
⁵⁾ Only for products with 20 mm thickness. Solo per prodotti a 20mm di spessore.
(*):** PTV ≥ 36 Wet on demand - su richiesta **(**):** P3 on demand - su richiesta **(****):** C2 on demand - su richiesta **R9 on demand** - su richiesta



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