



Conforme alla norma EN 14411:2012 Appendice L gruppo Gla
 Conforme alla norma ISO 13006:2012 Appendice L gruppo Gla
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25x150 - 9 7/8x59"
 22,5x90 - 8 7/8"x3 53/8"
 15x90 - 5 7/8"x35 3/8"
 60x60 - 23 5/8"x23 5/8"

10 mm
 10 mm
 10 mm
 20 mm

MATT
 STRUTTURATO

Caratteristiche tecniche		Metodo di prova	Requisiti per dimensione nominale N - 2			AXI		
			Requisiti per dimensione nominale N			Matt	Textured	Lastra 20 mm
			7cm <= N <= 15 cm (mm)	N >= 15 cm (%)				
Regularity Characteristics	Length and width Length and width	ISO 10545-2	±0,9 (*)	±0,6 (**)	±2,0 (*)	±0.3% ±1.0mm	±0.3% ±1.0mm	±0.3% ±1.0mm
	Thickness Thickness		±0,5 (**)	±5 (**)	±0,5 (**)	±5.0% ±0.5mm	±5.0% ±0.5mm	±5.0% ±0.5mm
	Straightness of sides Straightness of sides		±0,5 (**)	±5 (**)	±0,5 (**)	±0.3% ±0.8mm	±0.3% ±0.8mm	±0.3% ±0.8mm
	Rectangularity Rectangularity		±0,5 (**)	±5 (**)	±0,5 (**)	±0.3% ±1.5mm	±0.3% ±1.5mm	±0.3% ±1.5mm
Regularity Characteristics	Surface flatness Surface flatness	ISO 10545-2	c.c. ±0,75 e.c. ±0,75 w. ±0,75	c.c. ±0,5 e.c. ±0,5 w. ±0,5	c.c. ±2,0 e.c. ±2,0 w. ±2,0	±0.4% ±1.8mm	Not applicable to "strong" structures	Not applicable to "strong" structures

Structural characteristics	Massa d'acqua assorbita (in% by mass)	ISO 10545-3	EN 14411 appendice G (Gruppo Bla)	ISO 13006 appendice G (Gruppo Bla)	=<=0.1%	=<=0.1%	=<=0.1%
			EN 14411 appendice G (Gruppo Bla)	ISO 13006 appendice G (Gruppo Bla)			
Structural characteristics	Massa d'acqua assorbita (come % della massa)	ISO 10545-3	Media >10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 9%		Media >10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 9%		
Bulk mechanical characteristics	Breaking strength Breaking strength	ISO 10545-4	S >= 1300 N		S >=2000 N	S >=2000 N	S >=10000 N
	Modulus of Rupture Modulus of Rupture		R >= 35 N/mm2		R >=45 N/mm2	R >=45 N/mm2	R >=45 N/mm2
Surface mechanical characteristics	Resistenza all'impatto, espresso come coefficiente di restituzione Resistenza all'impatto, espresso come coefficiente di restituzione	ISO 10545-5	Dichiarare un valore	Metodo di prova disponibile	>=0.55	>=0.55	>=0.55
	Mohs hardness Mohs hardness	EN 101(1)	>= 6 (UGL)		MOHS 6	MOHS 8	MOHS 8
Surface mechanical characteristics	Resistenza all'abrasione profonda delle piastrelle non smaltate (volume materiale asportato) Resistenza all'abrasione profonda delle piastrelle non smaltate (volume materiale asportato)	ISO 10545-6	<=175 mm3		<=150mm3	<=150mm3	<=150mm3
	Caratteristiche Termo-Igrometriche	Coefficient of thermal linear expansion Coefficient of thermal linear expansion	ISO 10545-8	Dichiarare un valore	Metodo di prova disponibile	<=7 1/mk	<=7 1/mk
Thermal shock resistance Thermal shock resistance		ISO 10545-9	Test superato in accordo con ISO 10545-1	Metodo di prova disponibile	Resiste	Resiste	Resiste
Caratteristiche Termo-Igrometriche	Dilatazione all'umidità (in mm/m) Dilatazione all'umidità (in mm/m)	ISO 10545-10	Dichiarare un valore	Metodo di prova disponibile	<=0.01% (0.1mm/m)	<=0.01% (0.1mm/m)	<=0.01% (0.1mm/m)
	Frost resistance Frost resistance	ISO 10545-9	Test superato in accordo con ISO 10545-1	Metodo di prova richiesto	Resiste	Resiste	Resiste
Physical properties	Bond Strength/adhesion for improved cementitious adhesives Bond Strength/adhesion for improved cementitious adhesives	EN 1348	Dichiarare un valore	-	>=1.0 N/mm2 (Class C2 - EN 12004)	>=1.0 N/mm2 (Class C2 - EN 12004)	>=1.0 N/mm2 (Class C2 - EN 12004)
	Reaction to fire Reaction to fire	-	Dichiarare un valore	-	A1 - A1fl	A1 - A1fl	A1 - A1fl
Chemical characteristics	Resistance to household chemicals and swimming pool salts Resistance to household chemicals and swimming pool salts	ISO 10545-13	Classe minima B (GB per piastrelle non smaltate)		UA	UA	UA
	Resistance to low concentrations of acids and alkalis Resistance to low concentrations of acids and alkalis		Dichiarare una classe	Metodo di prova disponibile	ULA	ULA	ULA
	Resistance to high concentrations of acids and alkalis Resistance to high concentrations of acids and alkalis		Dichiarare una classe	Metodo di prova disponibile	UHA	UHA	UHA
Safety characteristics	Stain resistance Stain resistance	ISO 10545-14	Classe 3 minima		UA	UA	UA
	Barefoot Ramp Test Barefoot Ramp Test	DIN 51097 (CEN/TS 16165, Annex A)	Dichiarare un valore		A	A+B+C	A+B+C
Safety characteristics	Shod Ramp Test Shod Ramp Test	DIN 51130 (CEN/TS 16165, Annex B)	Dichiarare un valore		R09	R11	R11
	Pendulum Friction Test Pendulum Friction Test	UNE-ENV 12633 (CEN/TS 16165, Annex C) BS 7976-2002 (CEN/TS 16165, Annex C)	Dichiarare un valore		Class1 PTV >36Dry >36Wet	Class3 PTV >36Dry >36Wet	Class3 PTV >36Dry >36Wet
Safety	Coefficient of friction Coefficient of friction	B.C.R.A. Rep. CEC/81	D.M. 236/89 del 14/06/89 μ>0,40 per elemento scivolante cuoio su pavimentazione asciutta μ>0,40 per elemento scivolante gomma dura su pavimentazione bagnata		>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato
	Coefficient of dynamic friction Coefficient of dynamic friction	ANSI A137.1-2012	ANSI A137.1 Requires a minimum value of 0.42 for commercial areas that are likely to be wet		>0.42Wet	>0.42Wet	>0.42Wet
	Coefficient of static friction Coefficient of static friction	ASTM C1028-2007	The ceramic Tiles Institute identifies Tile Slip Resistant when SCOF >= 0,60		>=0.60Dry >=0.60Wet	>=0.80Dry >=0.80Wet	>=0.80Dry >=0.80Wet
	Pendulum Friction Test Pendulum Friction Test	AS/NZS 4586-2013 Appendix A (Four S rubber)	Declared Classification of the pedestrian surface materials according to the Wet Pendulum Test		ClassP3	ClassP4	ClassP4

(*) The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).
 (**) The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).
 (***) The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).
 (****) The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).
 c.c. The maximum permissible deviation from centre curvature, in % or mm, related to diagonal calculated from the work sizes (W).
 e.c. The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work sizes (W).
 w The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work sizes (W).
 (1) Requirements european standard EN 176.
 (2) Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance).