



Sizes форматы	20x50 cm 7 7/8"x19 5/8" ± 8mm
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TECHNICAL FEATURES / CARATTERISTICHE TECNICHE				Requirements for nominal size N			DESIRE
				Requisiti per dimensione nominale N			
				7 cm ≤ N < 15 cm	N ≥ 15 cm		
			(mm)	(%)	(mm)	Shiny	
Regularity features		Length and width Размеры сторон	ISO 10545-2	± 0,75 (*)	± 0,5 (*)	± 2,0 (*)	Suitable for
		Thickness Толщина		± 0,5 (**)	± 10 (**)	± 0,5 (**)	Suitable for
		Straightness of sides Straightness of sides		± 0,5 (***)	± 0,3 (***)	± 1,5 (***)	Suitable for
		Rectangularity Ортогональность		± 0,75 (****)	± 0,5 (****)	± 2,0 (****)	Suitable for
		Surface flatness Плоскостность		c.c. + 0,75 - 0,50	c.c. + 0,5 - 0,3	c.c. + 2,0 - 1,5	Suitable for
e.c. + 0,75 - 0,50	e.c. + 0,5 - 0,3	e.c. + 2,0 - 1,5					
w. ± 0,75	w. ± 0,5	w. ± 2,0					
				EN 14411 annex L (Group BIII) EN 14411 appendice L (Gruppo BIII)	ISO 13006 annex L (Group BIII) ISO 13006 appendice L (Gruppo BIII)		
Structural features		Water absorption level (in% by mass) Водопоглощение (come % della massa)	ISO 10545-3	Average >10%. When the average > 20%, this shall be indicated. Individual value > 9% Media >10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 9%			10% < EB ≤ 20%
Bulk mechanical features		Breaking strength Разрушающее усилие	ISO 10545-4	S ≥ 600 N			S ≥ 600 N
		Modulus of Rupture Предел прочности при изгибе		R ≥ 15 N/mm ²			R ≥ 20 N/mm ²
Thermo-igrometric features		Linear Thermal Expansion Coefficient Температурный коэффициент линейного расширения	ISO 10545-8	Declare a value Dichiarare un valore	Test method available Metodo di prova disponibile	≤ 7 1/mk	
		Thermal shock resistance Термическая стойкость	ISO 10545-9	Pass according to EN ISO 10545-1 Test superato in accordo con ISO 10545-1	Test method available Metodo di prova disponibile	Resiste	
		Expansion due to humidity (mm/m) Dilatazione all'umidità (in mm/m)	ISO 10545-10	Declare a value Dichiarare un valore	Test method available Metodo di prova disponibile	≤ 0.06% (0.6 mm/m)	
		Frost resistance Морозостойкость	ISO 10545-12	Pass according to EN ISO 10545-1 Test superato in accordo con ISO 10545-1	Required Metodo di prova richiesto	0	
Physical properties		Bond strength/adhesion for improved cementitious adhesives Прочность сцепления	EN 1348	Declare a value Dichiarare un valore	-	≥ 1.0 N/mm ² (Class C2 - EN 12004)	
		Reaction to fire Огнестойкость	-	Class A1 or A1_{fl} Classe A1 oppure A1 _{fl}	-	A1	
Chemical features		Resistance to household chemicals and swimming pool salts Стойкость к химикатам, используемым в быту и для бассейнов	ISO 10545-13	Minimum Class B (GB for unglazed tiles) Classe minima B (GB per piastrelle non smaltate)			GA
		Resistance to low concentrations of acids and alkalis Спротивление кислотам и щелочам низкой концентрации		Declare a class Dichiarare una classe	Test method available Metodo di prova disponibile	GLA	
		Resistance to high concentrations of acids and alkalis Спротивление кислотам и щелочам высокой концентрации		Declare a class Dichiarare una classe	Test method available Metodo di prova disponibile	GHA	
		Resistance to staining for glazed tiles Resistenza alle macchie piastrelle smaltate	ISO 10545-14	Minimum Class 3 Classe 3 minima			GA

(*) 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).

Anti-slip performance is guaranteed at the time of delivery of the product