



Sizes Sizes	40x80 cm 15 3/4" x 31 1/2" ± 10mm	40x80 cm 15 3/4" x 31 1/2" ± 8,5mm	
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	Characteristics Characteristics	Test Method Test Method	Requirements for nominal size N			BOOST WALL		
			Requirements for nominal size N			Matt rectified	Matt rectified ± 10mm 40x80 cm	
			7 cm ≤ N < 15 cm	N ≥ 15 cm				
			(mm)	(%)	(mm)			
Regularity characteristics 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	
	 Thickness Thickness		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±10.0% ±0.5mm	±10.0% ±0.5mm	
	 Straightness of sides Straightness of sides		± 0,75 (***)	± 0,5 (***)	± 1,5 (***)	±0.3% ±0.8mm	±0.3% ±0.8mm	
	 Rectangularity (Measurement only on short edges when L/l ≥ 3) Rectangularity (Measurement only on short edges when L/l ≥ 3)		± 0,75 (****)	± 0,5 (****)	± 2,0 (****)	±0.3% ±1.5mm	±0.3% ±1.5mm	
	 Surface flatness Surface flatness		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	±0.3% ±1.5mm	Not applicable	
Structural features Structural features	 Water absorption level (in% by mass) Water absorption level (in% by mass)	ISO 10545-3	$E_B \leq 0,5\%$ Individual Maximum 0,6% - Individual Maximum 0,6%			10% < EV ≤ 20%	10% < EV ≤ 20%	
		ASTM C373-18	Requirement ANSI A137.1-2017 Water Absorption Max < 0,5%					
Bulk mechanical features Bulk mechanical features	 Breaking strength Breaking strength	ISO 10545-4	S ≥ 700N (per spessore < 7,5mm - for thickness < 7,5mm) S ≥ 1300N (per spessore ≥ 7,5mm - for thickness ≥ 7,5mm)			S ≥ 600 N	S ≥ 600 N	
			 Modulus of Rupture Modulus of Rupture	R ≥ 35 N/mm ²			R ≥ 15 N/mm ²	R ≥ 15 N/mm ²
	 Bending Strength and Breaking Load Bending Strength and Breaking Load	EN 1339 Annex F	-					
Thermo-igrometric features Thermo-igrometric features	 Coefficient of linear thermal expansion Coefficient of linear thermal expansion	ISO 10545-8	Declared value Declared value			≤ 7 1/mk	≤ 7 1/mk	
	 Thermal shock resistance Thermal shock resistance	ISO 10545-9	Pass according to EN ISO 10545-1 Pass according to EN ISO 10545-1			Resistant	Resistant	
	 Moisture expansion (in mm/m) Moisture expansion (in mm/m)	ISO 10545-10	Declared value Declared value			≤ 0.06% (0.6mm/m)	≤ 0.06% (0.6mm/m)	
	 Frost resistance Frost resistance	ISO 10545-12	Pass according to EN ISO 10545-1 Pass according to EN ISO 10545-1			Resistant	Resistant	
Physical properties Physical properties	 Bond strength/adhesion for improved cementitious adhesives Bond strength/adhesion for improved cementitious adhesives	EN 1348	Declared value Declared value			≥ 1.0 N/mm ² (Class C2 - EN 12004)	≥ 1.0 N/mm ² (Class C2 - EN 12004)	
	 Reaction to fire Reaction to fire	-	Class A1 or A1_{fl} Class A1 or A1 _{fl}			A1	A1	
Chemical features Chemical features	 Resistance to household chemicals and swimming pool salts Resistance to household chemicals and swimming pool salts	ISO 10545-13	Minimum Class B Minimum Class B			GA	GA	
			Resistance to low concentrations of acids and alkalis Resistance to low concentrations of acids and alkalis	Declared Class Declared Class			GLA	GLA
			Resistance to high concentrations of acids and alkalis Resistance to high concentrations of acids and alkalis	Declared Class Declared Class			GHA	GHA
	 Resistance to staining for glazed tiles Resistance to staining for glazed tiles	ISO 10545-14	Declared Class Declared Class			5	5	

* Deviazione ammissibile, in % oppure mm, della dimensione media di ogni piastrella (2 oppure 4 lati) dalla dimensione di fabbricazione (W).
The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).

** Deviazione ammissibile, in % oppure mm, dello spessore medio di ogni piastrella dallo spessore riportato nella dimensione di fabbricazione (W).
The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).

*** Deviazione massima ammissibile di rettilineità, in % oppure mm, in rapporto alle dimensioni di fabbricazione (W) corrispondenti.
The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).

**** Deviazione massima ammissibile di ortogonalità, in % oppure mm, in rapporto alle dimensioni di fabbricazione (W) corrispondenti.
The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).

c.c. Deviazione massima ammissibile della curvatura del centro, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (W).
The maximum permissible deviation from centre curvatures, in % or mm, related to diagonal calculated from the work sizes (W).

e.c. Deviazione massima ammissibile della curvatura dello spigolo, in % oppure mm, in rapporto alle dimensioni di fabbricazione (W) corrispondenti.
The maximum permissible deviation from edge curvatures, in % or mm, related to the corresponding work sizes (W).

w. Deviazione massima ammissibile dello svergolamento, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (W).
The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work sizes (W).

(1) Determinazione della resistenza allo scivolamento delle superfici pedonabili; non si applica alle pavimentazioni sportive ed alle pavimentazioni stradali veicolari.
Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance).

(2) Le prestazioni anti-slip vengono garantite al momento della consegna del prodotto.
Anti-slip performance is guaranteed at the time of delivery of the product.
However, tiles with a DCOF of 0.42 or greater are not necessarily suitable for all projects.

(3) 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.

(5) Only for products with 20 mm thickness.