



<b>Sizes</b> Sizes	<b>40x80 cm</b> 15 3/4" x 31 1/2" ± 8.5mm	<b>40x80 cm</b> 15 3/4" x 31 1/2" ± 10mm	
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	Caratteristica tecnica Characteristics	Metodo di prova Test Method	Requisiti per dimensione nominale N Requirements for nominal size N			BRAVE WALL					
			7 cm ≤ N < 15 cm	N ≥ 15 cm		Matt rectified	3D Matt rectified	3D Matt rectified ± 10mm 40x80 cm			
			(mm)	(%)	(mm)						
<b>Regularity features</b> Regularity characteristics		ISO 10545-2	Length and width Length and width	± 0,75 (*)	± 0,5 (*)	± 2,0 (*)	±0.3% ±1.0mm	±0.3% ±1.0mm	±0.3% ±1.0mm		
			Thickness Thickness	± 0,5 (**)	± 10 (**)	± 0,5 (**)	±10.0% ±0.5mm	±10.0% ±0.5mm	±10.0% ±0.5mm		
			Straightness of sides Straightness of sides	± 0,5 (***)	± 0,3 (***)	± 1,5 (***)	±0.3% ±0.8mm	±0.3% ±0.8mm	±0.3% ±0.8mm		
			Rectangularity Rectangularity	± 0,75 (****)	± 0,5 (****)	± 2,0 (****)	±0.3% ±1.5mm	±0.3% ±1.5mm	±0.3% ±1.5mm		
		Surface flatness Surface flatness	c.c. + 0,75 - 0,50	c.c. + 0,5 - 0,3	c.c. + 2,0 - 1,5	±0.3% ±1.5mm	Not applicable	±0.3% ±1.5mm			
			e.c. + 0,75 - 0,50	e.c. + 0,5 - 0,3	e.c. + 2,0 - 1,5						
<b>Structural features</b> Structural features		Water absorption level (come % della massa) Water absorption level (in% by mass)	ISO 10545-3	<b>Media &gt;10%. Se questo valore &gt; 20%, deve essere indicato. Valore Singolo &gt; 9%</b> Average >10%. When the average > 20%, this shall be indicated. Individual value > 9%			10%<EB≤20%	10%<EB≤20%	10%<EB≤20%		
				<b>Bulk mechanical features</b> Bulk mechanical features		ISO 10545-4	S ≥ 600N			S ≥600 N	S ≥600 N
R ≥ 15 N/mm2			R ≥ 15 N/mm <sup>2</sup>				R ≥ 15 N/mm <sup>2</sup>	R ≥ 15 N/mm <sup>2</sup>			
<b>Caratteristiche Termo-igrometriche</b> Thermo-igrometric features		ISO 10545-8	ISO 10545-8	<b>Valore dichiarato</b> Declared value			≤7 1/mk	≤7 1/mk	≤7 1/mk		
				ISO 10545-9	<b>Test superato in accordo con ISO 10545-1</b> Pass according to EN ISO 10545-1			Resiste	Resiste	Resiste	
					ISO 10545-10	<b>Valore dichiarato</b> Declared value			≤0.06% (0.6mm/m)	≤0.06% (0.6mm/m)	≤0.06% (0.6mm/m)
						<b>Test superato in accordo con ISO 10545-1</b> Pass according to EN ISO 10545-1			Resiste	Resiste	Resiste
<b>Physical properties</b> Physical properties		EN 1348	EN 1348	<b>Valore dichiarato</b> Declared value			≥1.0 N/mm <sup>2</sup> (Class C2 - EN 12004)	≥1.0 N/mm <sup>2</sup> (Class C2 - EN 12004)	≥1.0 N/mm <sup>2</sup> (Class C2 - EN 12004)		
				<b>Classe A1</b> Class A1			A1	A1	A1		
<b>Chemical features</b> Chemical features		ISO 10545-13	ISO 10545-13	<b>Classe minima B</b> Minimum Class B			GA	GA	GA		
				<b>Classe dichiarata</b> Declared Class			GLA	GLA	GLA		
				<b>Classe dichiarata</b> Declared Class			GHA	GHA	GHA		
		ISO 10545-14	ISO 10545-14	<b>Classe 3 minima</b> Minimum Class 3			5	5	5		
				<b>Valore dichiarato</b> Declared value			≤0.01mg/dm2 Cd ≤0.1mg/dm2 Pb	≤0.01mg/dm2 Cd ≤0.1mg/dm2 Pb	≤0.01mg/dm2 Cd ≤0.1mg/dm2 Pb		

\* 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 curvature, 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 curvature, 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.

