BLOCK IN



GRES PORCELLANATO TECHNICAL FEATURES - COMPLIANT WITH STANDARDS EN 14411 (ISO 13006) ANNEX G GROUP BIa



Sizes

30x60 cm 11¾"x23%" ₿ 8mm

			Test method	Requisites for nominal size N			Block In
		Technical features		$7 \text{ cm} \le \text{N} < 15 \text{ cm}$ $\text{N} \ge 15 \text{ cm}$			Matte
				(mm)	(%)	(mm)	rectified
Regularity features		Length and width		± 0,9 (*) Non-rect. ± 0,4 (*) Rect.	± 0,6 (*) Non-rect. ± 0,3 (*) Rect.	± 2,0 (*) Non-rect. ± 1,0 (*) Rect.	Suitable for
	(Sala	Thickness		± 0,5 (**)	± 5 (**)	± 0,5 (**)	Suitable for
	A D	Straightness of sides		± 0,8 (***) Non-rect. ± 0,4 (***) Rect.	± 0,5 (***) Non-rect. ± 0,3 (***) Rect.	± 1,5 (***) Non-rect. ± 0,8 (***) Rect.	Suitable for
		Perpendicularity (Measurement only on short edges when $L/l \ge 3$)	ISO 10545-2	± 0,8 (***) Non-rect. ± 0,4 (***) Rect.	± 0,5 (***) Non-rect. ± 0,3 (***) Rect.	± 2,0 (***) Non-rect. ± 1,5 (***) Rect.	Suitable for
		Surface flatness		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
				e.c. ± 0,8 Non-rect. e.c. ± 0,6 Rect.	e.c. ± 0,5 Non-rect. e.c. ± 0,4 Rect.	e.c. ± 2,0 Non-rect. e.c. ± 1,8 Rect.	
				w. ± 0,8 Non-rect. w. ± 0,6 Rect.	w. ± 0,5 Non-rect. w. ± 0,4 Rect.	w. ± 2,0 Non-rect. w. ± 1,8 Rect.	
			ISO 10545-3	E≤ 0,5% Individual Maximum 0,6%			≤0.1%
Structural features		Water absorption level (in% by mass)	ASTM C373-18	Requirement ANSI A137.1-2017 Water Absorption Max < 0,5%			≤0.5%
Bulk mechanical features		Breaking strenght	ISO 10545-4	S ≥ 700N (for thickness < 7,5mm) S ≥ 1300N (for thickness ≥ 7,5mm)			S≥1500 N
		Bending resistance	130 10545-4	R ≥ 35 N/mm²			R ≥40 N/mm²
		Bending and breaking load resistance ⁽⁴⁾⁽⁵⁾	EN 1339 Annex F	-			
		Impact resistance	ISO 10545-5	Declared value			≥0.55
Surface mechanical features		Deep abrasion resistance of unglazed tiles	ISO 10545-6	≤ 175 mm³			≤150mm³

* Permitted deviation, in % or mm, from the average size of each tile (2 or 4 sides) with respect to the manufacturing size (W).

** Permitted deviation, in % or mm, from the average thickness of each tile with respect to the cited manufacturing thickness (W).

*** Maximum permitted straightness deviation, in % or mm, with respect to the corresponding manufacturing sizes (W).

**** Maximum permitted perpendicularity deviation, in % or mm, with respect to the corresponding manufacturing sizes (W).

**** Maximum permitted centre curvature deviation, in % or mm, with respect to the diagonal calculated according to manufacturing sizes (W).

e.c. Maximum permitted corner curvature deviation, in % or mm, with respect to the corresponding manufacturing sizes (W).

w. Maximum permitted bending deviation, in % or mm, with respect to the diagonal calculated according to manufacturing sizes (W).

(1) Determining the slip resistance of pedestrian surfaces; not applicable to sports flooring or road traffic flooring.

 $\ensuremath{\left(2\right)}$ The anti-slip performance is guaranteed at the time of delivering the product.

(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 the outdoor design general catalogue.

(5) Only for products with 20 mm thickness

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Sizes			30x60 cm 11¾"x23%" ▇ 8mm							
				Dequisites for poming		Disalita				
		Technical features	Test method	Requisites for nominal 7 cm ≤ N < 15 cm	al size N N≥15 cm	Block In				
				(mm)	(%) (mm)	Matte rectified				
Thermo-igrometric features		Coefficient of linear thermal expansion	ISO 10545-8	Declared value		≤7MK ⁻¹				
		Thermal shock resistance	ISO 10545-9	Test passed in accordance wit	Resistant					
		Moisture expansion (in mm/m)	ISO 10545-10	Declared value		≤0.01% (0.1mm/m)				
		Frost resistance	ISO 10545-12	Test passed in accordance wit	Resistant					
Physical properties -		Bond strenght	EN 1348	Declared value	≥1.0 N/mm² (Class C2 - EN 12004)					
		Reaction to fire	_	Class A1 or A1 _{fl}		A1 - A1 _{fl}				
		Resistance to household chemicals and swimming pool salts		Minimum B class	ŝs	А				
		Resistance to low concentrations of acids and alkalis	ISO 10545-13	Declared class	Declared class					
Chemical features		Resistance to high concentrations of acids and alkalis		Declared class	Declared class					
		Stain resistance	ISO 10545-14	Declared class		5				
Safety		Booted ramp test	DIN EN 16165 ANNEX B (EX DIN 51130)	Declared class		R10				
		Barefoot Ramp test	DIN EN 16165 ANNEX A (EX DIN 51097)	Declared value		A+B				
	(\mathcal{P})		BS EN 16165 ANNEX C (EX BS 7976)	PTV ≥ 36 classifies the surface as "low slip risk"		≥36Dry≥36Wet				
characteristics ⁽¹⁾⁽²⁾		Pendulum friction Test	AS 4586		Declared Classification of the new pedestrian surface materials according to the Pendulum Test					
			UNE 41901 EX:2017	Declared value		Class C2				
		Coefficient of friction	B.C.R.A. Rep. CEC/81	Min. Dec. 236/89 of 14/06/89 μ >0.40 for a sliding leather element on a dry floor μ >0.40 for a sliding hard rubber element on a wet floor		>0.40Asciutto >0.40Bagnato				
		Dynamic coefficent of friction (DCOF)	ANSI A 326.3	-		Wet DCOF ≥ 0.50				

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