## BOOST





Sizes	. CIII		120x278 cm 47 <u>/4</u> "x109 <u>/</u> 2"	120x240 cm 47 4"x94 6"	120x240 cm 47 4"x94 6"	120x120 cm 47 /4"x47 /4"	120x120 cm 47 /4"x47 /4"	120x120 cm 47 //"x47 //"	90x90 cm 35%"x35%"	75x150 cm	/ 3X/ 3 CIII	23%"x47 /4"	23%"x47 /4"	23%"x23%"	23%"x23%"	143/4"x29 /2"	30x60 cm 11¾"x23%"
Sizes	63"x126" 6mm	63"x63" 6mm	₩ 6mm	47 /₄"x94 /₂" ₩ 9mm	cm 47 /₄"x94 /₂" ₩ 20mm	47 /₄"x47 /₄" ₩ 9mm	47 /4"x47 /4" <b>日</b> 6mm	47 /4"x47 /4" 20mm	<b>≅</b> 20mm	29 /₂"x59" ₩ 9mm	₩ 9mm	₩ 9mm	<b>≅</b> 20mm	<b>≅</b> 9mm	₩ 20mm	<b>■</b> 9mm	■ 9mm

	ı			Rec	quisites for nominal si	ize N	Boost					
		Technical features	Test method	7 cm ≤ N < 15 cm		15 cm	Matte	Matte	Grip rectified	Outdoor	Outdoor rectified	
		recrifical realares	rest meanod	(mm)	(%)	(mm)	rectified 9mm	rectified 6mm		rectified 20mm	20mm 60x60 cm	
		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	Suitable for	Suitable for	Suitable for	Suitable for	
	(20	Thickness		± 0,5 (**)	± 5 (**)	± 0,5 (**)	Suitable for	Suitable for	Suitable for	Suitable for	Suitable for	
	1	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	Suitable for	Suitable for	Suitable for	Suitable for	
Regularity features		Perpendicularity (Measurement only on short edges when L/I ≥ 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	Suitable for	Suitable for	Suitable for	Suitable for	
				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.						
		Surface flatness		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.	Suitable for	Suitable for	Suitable for	Suitable for	Suitable for	
				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.						
Structural			ISO 10545-3	ISO 10545-3 E≤ 0,5% Individual Maximum 0,6%				≤0.1%	≤0.1%	≤0.1%	≤0.1%	
features			ASTM C373-18	Requirement ANSI	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%			
		Breaking strenght	ISO 10545-4		00N (for thickness < 7 800N (for thickness ≥ 7	S≥1500 N	S≥1000 N	S≥1500 N	S≥10000 N	S≥10000 N		
	$\left  \begin{array}{c} \downarrow \\ \uparrow \uparrow \end{array} \right $	Bending resistance	130 10345-4		R ≥ 35 N/mm²	R ≥40 N/mm²	R ≥40 N/mm²	R ≥40 N/mm²	R ≥45 N/mm²	R ≥45 N/mm²		
Bulk mechanical features	1	Bending and breaking load resistance <sup>(4)</sup> EN 1339 Annex F			-				≥T11 120×120 90X90 ≥U4 60×120	≥T11 120×120 60×60 22,5×22,5   ≥U4 60×90 22,5×45,4		
		Impact resistance	ISO 10545-5	Declared value			≥0.55	≥0.55	≥0.55	≥0.55	≥0.55	
Surface mechanical		Mohs hardness	EN 101	-			MOHS 6	MOHS 6	MOHS 8	MOHS 8	MOHS 8	
features		Deep abrasion resistance of unglazed tiles	ISO 10545-6		≤150mm³	≤150mm³	≤150mm³	≤150mm³	≤150mm³			

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

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

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

<sup>\*\*\*\*</sup> Maximum permitted perpendicularity deviation, in % or mm, with respect to the corresponding manufacturing sizes (W)

<sup>\*\*\*\*</sup> 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).

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

<sup>(2)</sup> The anti-slip performance is guaranteed at the time of delivering the product.

<sup>(3)</sup> 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.

<sup>(5)</sup> Only for products with 20 mm thickness

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	160x320	160x160	120v278 cm	120x240	120x240	120×120	120×120	120×120	90v90 cm	75x150	75×75 cm	60×120 cm	60×120 cm	60×60 cm	60×60 cm	37 5y75 cm	30×60 cm
Sizes	cm 63"x126" <b>⋈</b> 6mm	cm 63"x63" <b>⋈</b> 6mm	120x278 cm 47 ¼"x109 ½" ☐ 6mm	cm 47 /₄"x94 /₂" <b>⋈</b> 9mm	cm 47 /₄"x94 /₂" ₩ 20mm	cm 47 /₄"x47 /₄" ₩ 9mm	cm 47 /₄"x47 /₄" ₩ 6mm	cm 47 /₄"x47 /₄" ■ 20mm	35%"x35%" ₩ 20mm	cm 29 ⁄2"x59" ₩ 9mm	29 /2"x29 /2" 9mm	23%"x47 /4"	23%"x47 /₄" ₩ 20mm	23%"x23%" ₩ 9mm	23%"x23%" ₩ 20mm	14¾"x29 /2" ■ 9mm	11¾"x23%" ■ 9mm

				Requisites for noming	al size N	Boost						
		Technical features	Test method	7 cm ≤ N < 15 cm	N ≥ 15 cm			Boost		Outdoor rectified 20mm 60x60 cm		
		l echnical features	l est method	(mm)	(%) (mm)	Matte rectified 9mm	Matte rectified 6mm	Grip rectified	Outdoor rectified 20mm			
	(1)	Coefficient of linear thermal expansion	ISO 10545-8	Declared valu	≤7MK <sup>-1</sup>							
Thermo-	( <u>*</u>	Thermal shock resistance	ISO 10545-9	Test passed in accordance w	Resistant	Resistant	Resistant	Resistant	Resistant			
igrometric features		Moisture expansion (in mm/m)	ISO 10545-10	Declared valu	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)			
	Frost resistance		ISO 10545-12	Test passed in accordance w	Resistant	Resistant	Resistant	Resistant	Resistant			
Physical		Bond strenght	EN 1348	Declared valu	≥1.0 N/mm² (Class C2 - EN 12004)							
properties		Reaction to fire	-	Class A1 or A	A1 - A1 <sub>fl</sub>							
		Resistance to household chemicals and swimming pool salts		Minimum B cla	А	А	А	А	А			
Chemical		Resistance to low concentrations of acids and alkalis	ISO 10545-13	Declared clas	LA	LA	LA	LA	LA			
features		Resistance to high concentrations of acids and alkalis		Declared clas	:s	НА	НА	НА	НА	НА		
		Stain resistance	ISO 10545-14	Declared class		5	5	5	5	5		
		Booted ramp test	DIN 51130	Declared clas	R10	R9	R11	R11	R11			
		Barefoot Ramp test	DIN 51097	Declared valu	ie	A+B	А	A+B+C	A+B+C	A+B+C		
			BS 7976	PTV ≥ 36 classifies the surface	e as "low slip risk"	≥36Dry ≥36Wet	PTV ≥ 36 Wet on demand	≥36Dry ≥36Wet	≥36Dry ≥36Wet	≥36Dry ≥36Wet		
		Pendulum friction Test	AS 4586	Declared Classification of the surface materials according to	Class P3	P3 on demand	Class P4	Class P4	Class P4			
Safety characteristics (1)(2)			UNE-ENV 12633 UNE 41901:2017 EX	Declared value		Class C2	C2 on demand	Class C3	Class C3	Class C3		
(2)(2)		Coefficient of friction	B.C.R.A. Rep. CEC/81	$\begin{array}{c} \text{Min. Dec. 236/89 of } 14/06/89 \\ \mu > & 0.40 \text{ for a sliding leather element on a dry }_{fl} \text{oor} \\ \mu > & 0.40 \text{ for a sliding hard rubber element on a wet} \\ \end{array}$		>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato		
		Dynamic coefficent of friction (DCOF)	ANSI A.137.1	ANSI A.137.1-2 Requires a minimum value of 0. space expected to be walked u	.42 for level interior	> 0.42 Wet	> 0.42 Wet	> 0.42 Wet	> 0.42 Wet	> 0.42 Wet		

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