





Sizes 40x80 cm 15 ¼"x31 ½" 40x80 cm 15 ¼"x31 ½" 40x80 cm 15 ¼"x31 ½" 10mm

				Requi	sites for nominal	size N	Вс	ost
		Technical features	Test method	7 cm ≤ N < 15 cm	N ≥ 1	.5 cm	Matte rectified 8.5mm	Matte rectified 10mm
				(mm)	(%) (mm)		40x80 cm	40x80 cm
		Length and width		± 0,4 (*) Rect.	± 0,3 (*) Rect.	± 1,0 (*) Rect.	Suitable for	Suitable for
	(500)	Thickness		± 0,5 (**)	± 10 (**)	± 0,5 (**)	Suitable for	Suitable for
D 1 ::	(300)	Straightness of sides		± 0,4 (***) Rect.	± 0,3 (***) Rect.	± 0,8 (***) Rect.	Suitable for	Suitable for
Regularity features		Perpendicularity	ISO 10545-2	± 0,4 (***) Rect.	± 0,3 (***) Rect.	± 1,5 (***) Rect.	Suitable for	Suitable for
	(†			c.c. ± 0,6 Rect.	c.c. ± 0,4 Rect.	c.c. ± 1,8 Rect		
		Surface flatness		e.c. ± 0,6 Rect	e.c. ± 0,4 Rect	e.c. ± 1,8 Rect	Suitable for	Not applicable
	*			w. ± 0,6 Rect.	w. ± 0,4 Rect.	w. ± 1,8 Rect.		
Structural features	$\left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right)} \right) \\ \left(\left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right) \\ (c) \end{array} \right) \end{array} \right) \end{array} \right) \end{array} \right) \end{array}\right) \end{array}\right)$	Water absorption level (in% by mass)	ISO 10545-3		6. If this value > 2 sted. Single value		10% <ev≤20%< td=""><td>10%<ev≤20%< td=""></ev≤20%<></td></ev≤20%<>	10% <ev≤20%< td=""></ev≤20%<>
		Breaking strenght			S ≥ 600N		S ≥600 N	S ≥600 N
Bulk mechanical features	$\left \left(\begin{array}{c} \downarrow \\ \uparrow \uparrow \end{array} \right) \right $	Bending resistance	ISO 10545-4		R ≥ 12 N/mm²	R ≥15 N/mm²	R ≥15 N/mm²	
Thermo-	(*\bar{\pi})	Coefficient of linear thermal expansion	ISO 10545-8		Declared value	≤7MK ⁻¹	≤7MK ⁻¹	
	(×)	Thermal shock resistance	ISO 10545-9	Test passed in	n accordance with	h ISO 10545-1	Resistant	Resistant
igrometric features		Moisture expansion (in mm/m)	ISO 10545-10		Declared value		≤0.06% (0.6mm/m)	≤0.06% (0.6mm/m)
	(\$\frac{1}{2}\)	Crazing resistance: glazed tiles	ISO 10545-11	Test passed in	n accordance with	Resistant	Resistant	
Physical		Bond strenght	EN 1348		Declared value	≥1.0 N/mm² (Class C2 - EN 12004)	≥1.0 N/mm² (Class C2 - EN 12004)	
properties		Reaction to fire	o fire - Class A		Class A1		A1	A1
		Resistance to household chemicals and swimming pool salts			Minimum B class		А	А
		Resistance to low concentrations of acids and alkalis	ISO 10545-13		Declared class		LA	LA
Chemical		Resistance to high concentrations of acids and alkalis			Declared class		НА	НА
features		Stain resistance of glazed tiles	ISO 10545-14		Minimum Class 3	3	5	5
	(_o, •_)	Release of dangerous substances: Cadmium (in mg/dm2) and Lead (in mg/dm2)	ISO 10545-15		Declared value	≤0.01mg/dm2 Cd ≤0.1mg/dm2 Pb	≤0.01mg/dm2 Cd ≤0.1mg/dm2 Pb	

- * 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).
- $\ ^{\star\star\star} \ \text{Maximum permitted straightness deviation, in \% or mm, with respect to the corresponding manufacturing sizes (W). } \\$
- ${\tt *****} \ {\tt Maximum\ permitted\ perpendicularity\ deviation, in\ \%\ or\ mm,\ with\ respect\ to\ the\ corresponding\ manufacturing\ sizes\ (W).}$
- **** 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).
- $(1) \ Determining \ the \ slip \ resistance \ of \ pedestrian \ surfaces; \ not \ applicable \ to \ sports \ flooring \ or \ road \ traffic \ flooring.$
- (2) 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

BOOST





		160×160	120x278 cm	120x240		120×120	120×120	120x120	90x90 cm	75x150	75x75 cm	60x120 cm	60x120 cm	60x60 cm	60x60 cm	37,5x75 cm	30x60 cm
Sizes	cm 63"x126" ■ 6mm	63"x63"	47 /4"x109 /2"	47 /4"x94 /2"	47 /4"x94 /2"	47 /4"x47 /4"	47 /4"x47 /4"	47 /4"x47 /4"	35%"x35%" ₩ 20mm	29 /2"x59"	29 ½"x29 ½" 3 9mm	23%"x47 /₄" ≅ 9mm	23%"x47 /₄"	23%"x23%" ≅ 9mm	23%"x23%" ₩ 20mm	14¾"x29 ½" ≅ 9mm	11¾"x23%" ₩ 9mm

			guisites for nominal siz	ize N		Boost					
		Technical features	Test method	7 cm ≤ N < 15 cm		15 cm	Matte	Matte	Grip	Textured rectified	Textured
		realised readings	resemented	(mm)	(%)	(mm)	rectified 9mm	rectified 6mm	rectified	20mm 60x60 cm	rectified 20mm
		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
		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	0		ISO 10545-3	E≤ 0,5°	% Individual Maximur	.m 0,6%	≤0.1%	≤0.1%	≤0.1%	≤0.1%	≤0.1%
features	$\left(\begin{array}{c} C \\ C \end{array} \right)$	Water absorption level (in% by mass)	ASTM C373-18	Requirement ANSI	I A137.1-2017 Water 0,5%	r Absorption Max <	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
		Breaking strenght	ISO 10545-4		00N (for thickness < 7, 300N (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	150 10545-4		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		Bending and breaking load resistance ⁽⁴⁾	EN 1339 Annex F		-					≥T11 120x120 60x60 22,5x22,5 ≥U4 60x90 22,5x45,4	≥T11 120×120 90X90 ≥U4 60×120
		Impact resistance	ISO 10545-5		Declared value			≥0.55	≥0.55	≥0.55	≥0.55
Surface mechanical		Mohs hardness	EN 101						MOHS 8	MOHS 8	MOHS 8
features		Deep abrasion resistance of unglazed tiles	ISO 10545-6		≤ 175 mm³				³ ≤150mm³	≤150mm³	≤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{\text{(2)}}\ \text{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

BOOST





160	x320 160x160	120x278 cm	120x240	120×240	120×120	120×120	120×120	90x90 cm	75x150	75x75 cm	60x120 cm	60x120 cm	60×60 cm	60x60 cm	37 5x75 cm	30x60 cm
Sizes 63">	m cm :126" 63"x63" 5mm	120x278 cm 47 /4"x109 /2" H 6mm	cm 47 /₄"x94 /₂" ₩ 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 ½"x29 ½" ₩ 9mm	23%"x47 /₄" ₩ 9mm	23%"x47 /₄" ₩ 20mm	23%"x23%" ₩ 9mm	23%"x23%" ₩ 20mm	14¾"x29 /₂" ₩ 9mm	11¾"x23%" █ 9mm

				Requisites for nomino	al size N	Boost						
		Technical features	Test method	7 cm ≤ N < 15 cm		Toyturad ractifies						
		recrinical reatures	rest method	(mm)	N ≥ 15 cm (%) (mm)	Matte rectified 9mm	Matte rectified 6mm	Grip rectified	20mm 60x60 cm	Textured rectified 20mm		
	(°)»	Coefficient of linear thermal expansion	ISO 10545-8	Declared value		≤7MK ⁻¹	≤7MK ⁻¹	≤7MK ⁻¹	≤7MK ⁻¹	≤7MK ⁻¹		
Thermo-	(×)	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 value	≤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 value	≥1.0 N/mm² (Class C2 - EN 12004)							
properties		Reaction to fire	-	Class A1 or A1	A1 - A1 _{fl}							
	_	Resistance to household chemicals and swimming pool salts		Minimum B clas	ss	А	А	А	А	А		
Chemical		Resistance to low concentrations of acids and alkalis	ISO 10545-13	Declared class	s	LA	LA	LA	LA	LA		
features		Resistance to high concentrations of acids and alkalis		Declared class	НА	НА	НА	НА	НА			
		Stain resistance	ISO 10545-14	Declared class	5	5	5	5	5			
		Booted ramp test	DIN 51130	Declared class	S	R10	R10 R9		R11	R11		
		Barefoot Ramp test	DIN 51097	Declared value	e	A+B	Α	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 t	new pedestrian the Pendulum Test	Class P3	P3 on demand	Class P4	Class P4	Class P4		
Safety characteristics (1)(2)	(5)		UNE-ENV 12633 UNE 41901:2017 EX	Declared value	е	Class C2	C2 on demand	Class C3	Class C3	Class C3		
(2)(2)		Coefficient of friction	B.C.R.A. Rep. CEC/81	Min. Dec. 236/89 of 1 μ >0.40 for a sliding leather element μ >0.40 for a sliding hard rubbe floor	>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.137.1-20 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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⁽⁴⁾ For further details, please refer to the outdoor design general catalogue.

⁽⁵⁾ Only for products with 20 mm thickness