TECHNICAL DATA

Standards	Requirements as per the EN ISO 14411 standard: - Annex G, dry pressed ceramic tiles of low water absorption from group B1a (Eb ≤ 0.5%) - Annex H, dry pressed ceramic tiles of low water absorption from group B1b (0.5< Eb ≤ 3%) Tests carried out in compliance with the EN ISO 10545 standard section 1-16

CE

Sizing	Length and width	Acceptable difference between the average dimension of each tile and the manufacturing size	N < 7 cm (2 ¾")	± 0.5mm (1/64")	ISO 10545-2
			7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.9mm (1/32")	
			N ≥ 15 cm (6")	± 0.6% with a maximum of ± 2.0mm (5/64")	
	Thickness	Acceptable difference between the average thickness of each tile and the production thickness	N < 7 cm (2 ¾")	± 0.5mm (1/64")	
			7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.5mm (1/64")	
			N ≥ 15 cm (6")	± 0.6% with a maximum of ± 2.0mm (5/64")	
	Edge straightness	Maximum acceptable straightness difference compared to the manufacturing sizes	7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.75mm (1/32")	
			N ≥ 15 cm (6")	± 0.5% with a maximum of ± 1.5mm (1/16")	
	Angularity	Maximum acceptable angularity difference compared to the manufacturing sizes	7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.75mm (1/32")	
			N ≥ 15 cm (6")	± 0.5% with a maximum of ± 2.0mm (5/64")	
	Surface flatness	Central curve compared to the diagonal, calculated from the manufacturing sizes	7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.75mm (1/32")	
			N ≥ 15 cm (6")	± 0.5% with a maximum of ± 2.0mm (5/64")	
		Lateral curve compared to the manufacturing sizes	7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.75mm (1/32")	
			N ≥ 15 cm (6")	± 0.5% with a maximum of ± 2.0mm (5/64")	
		Deformation compared to the diagonal calculated using the manufacturing sizes	7 cm (2 ¾") ≤ N < 15 cm (6")	± 0.75mm (1/32")	
			N ≥ 15 cm (6")	± 0.5% with a maximum of ± 2.0mm (5/64")	
Anti-slip properties	Bare feet	12x12mm (1/2"x1/2"); 20x20mm (3/4"x3/4"); 50x50mm (2x2"); anti-slip 50x50mm (2x2"); R11 100x100mm (4x4"); R12 100x100mm (4x4"); R12 150x150mm (6x6"); 25mm hexagon (1"); 50mm hexagon (2"); 150mm hexagon (6"); 100mm octagon (4") + 35mm dot (1 3/4")	C		DIN 51097
		100x100mm (4x4"); 150x150mm (6x6"); 200x200mm (7 7/8"x7 7/8"); 100mm hexagon (4"); 150mm octagon (6") + 50mm dot (2")	B		
	Wearing footwear	200x200mm (7 7/8"x7 7/8"); 150mm hexagon (6")	R9		DIN 51130
		12x12mm (1/2"x1/2"); 20x20mm (3/4"x3/4"); 50x50mm (2x2"); 50x50mm structure (2x2"); 100x100mm (4x4"); 150x150mm (6x6"); 25mm hexagon (1"); 50mm hexagon (2"); 100mm Hexagon (4"); 100mm octagon (4") + 35mm dot (1 3/8"); 150mm octagon (6") + 50mm dot (2")	R10		
		R11 anti-slip 100x100mm (4x4")	R11		
		R12 anti-slip 100x100mm (4x4"); R12 150x150mm (6x6")	R12		
	Water drainage volume	R10 anti-slip 50x50mm (2x2")	V8		DIN 51130
		R10 anti-slip 100x100mm (4x4"); R12 anti-slip 100x100mm (4x4"); R12 anti-slip 150x150mm (6x6")	V6		
Breaking strength	Bending breaking load	Thickness ≥ 7.5mm (9/16")	F ≥ 1100 N		EN ISO 10545-4
		Thickness < 7.5mm (9/16")	F ≥ 700 N		
	Breaking strength		Minimum 32 N/mm²		EN ISO 10545-4
Frost resistance	No alterations to the appearance visible to the naked eye after 100 freeze-thaw cycles.				EN ISO 10545-12
Chemical resistance	Resistance to low concentrations of acids and bases		Class: 3		EN ISO 10545-13
	Resistance to high concentrations of acids and bases		Class: 3		
Stain resistance	Resistance to staining agents that leave a mark		Class: 2		EN ISO 10545-14
	Resistance to staining agents with chemical/oxidising actions		Class: 2		
Volatile Organic Compounds	None				