

# Technical Specification

Technical Specification	Norm	R-Tile Industrial	R-Tile Commercial
Tile Dimensions		Textured: 7mm - 508x508mm Textured: 9mm - 508x508mm Studded: 7mm - 508x508mm	Textured- 508x508mm Excel: 5 + 7mm - 508x508mm Studded: 5mm - 508x508mm Chequer: 4mm - 508x508mm Slate: 6mm - 450x450mm
Weight		7mm: 9.2kg/m <sup>2</sup> 9mm: 13.2kg/m <sup>2</sup>	4mm: 6.4kg/m <sup>2</sup> 5mm: 8kg/m <sup>2</sup> 7mm: 9.21kg/m <sup>2</sup>
Hardness	ISO868	95 Shore A	92 Shore A (Available in 82 Shore A by request)
Material		PVC SGI 1.45	PVC SG 1.45
Thickness	BS EN 428	7mm +/- 0.2mm 9mm +/- 0.2mm	4mm, 5mm & 7mm +/- 0.2mm
Abrasion	BS EN 660-2	Wear Group T	Wear Group T
Castor Wheel	BS EN 425	No Damage	No Damage
Indentation	BS EN 433	0.1mm	0.1mm
Fire Class	EN 13501-1	BFLS1	BFLS1
Electrical Resistance	BS EN 1081	10 <sup>12</sup>	s 1Q12Q
Anti Slip	BS EN 13893 Deutsche Norm DIN 51130	Anti Slip DS R10	Anti Slip DS R10
Chemical Resistance	BS EN 423	Good	Good
		Hydrochloric Acid • 96% Ethanol • 96% Methanol • 100% Acetic Acid • 100% Nitric Acid 69% Sulphuric Acid • 98% Chromic Acid • 40% Toluene, Trichloethulene, Acetone, Engine Oils, Gasoline, Urine.	
Light Fastness (Blue Wool Standard)	BS EN 20105- B02	7BWS / 5GSR	7BWS / 5GSR
Thermal Conductivity	ISO 8302	7mm: 0.3807 m <sup>2</sup> K/W 9mm: 0.3807 m <sup>2</sup> K/W	5mm: 0.277 m <sup>2</sup> K/W 4mm: 0.218 m <sup>2</sup> K/W
Electrostatic Behaviour	BS EN 1815	2kV	2kV
Flexibility	BS EN 435	Flexibility No Cracking	Flexibility No Cracking
Dimensional Stability Before Exposure to Heat	BS EN 434	0.11%	0.11%
Dimensional Stability After Exposure to Heat	BS EN 434	Average 0.15	Average 0.15