



**TERRAZZOTILES**

Bespoke Tile Design

## Terrazzo Resin – Technical Data

Material: Terrazzo Resin

Suitability: Floor, Walls , Residential, Commercial, High traffic

Slip Resistance: PTV 58 Wet (Commercial Honed Finish)

Thickness: 12, 20, 30, 40mm

Dimensions: Slabs 3050\*1240

Tiles 300\*300, 400\*400, 600\*600, 500\*500, 600\*400

Finish: Polished, Honed, Commercial Honed, Brushed

CHARACTERISTICS	STANDARD	VALUE	NOTES
Length and width	EN 14617-16	± 0,5 mm	Refers to tiles
Thickness	EN 14617-16	± 0,7 mm	Refers to tiles
Straightness of sides	EN 14617-16	± 0,3 mm	Refers to tiles
Rectangularity	EN 14617-16	± 0,9 mm	Refers to tiles
Center curvature	EN 14617-16	± 0,2% refers to length	Refers to tiles
Edge curvature	EN 14617-16	± 0,2% refers to length	Refers to tiles
Warping	EN 14617-16	± 0,2% refers to length	Refers to tiles
Apparent density	EN 14617-1	2450 - 2650 Kg/m <sup>3</sup>	
Water absorption	EN 14617-1	≤ 1,00%	
Flexural strength	EN 14617-2	10 - 35 MPa	
Abrasion resistance	EN 14617-4	33 - 44 mm	
Frost resistance	EN 14617-5	KM <sub>t25</sub> 0,4 - 1,2	
Thermal shock resistance	EN 14617-6	Δm% ≤ 0,15 %	Test temperature: 70°C
		ΔR% ≤ 60 %	
Impact resistance	EN 14617-9	1,0 - 2,0 J	For thickness 12 mm
		1,5 - 3,5 J	For thickness 20 mm
Chemical resistance	EN 14617-10	C1	
Linear thermal expansion coefficient	EN 14617-11	12 - 26 x 10 <sup>-6</sup> °C <sup>-1</sup>	
Dimensional stability	EN 14617-12	Class A (<0,3 mm)	Class B (0,3 – 0.6 mm) for Verde Liguria and Rosso Levanto
Electrical resistivity	EN 14617-13	R <sub>s</sub> ≥ 10 <sup>10</sup> Ω	Refers to surface
		R <sub>v</sub> ≥ 10 <sup>8</sup> Ω m	Refers to volume
Compression resistance	EN 14617-15	90 - 150 MPa	
Mohs hardness	EN 101	up to 3 Mohs	
Thermal conductivity	EN 12524	1,3 W/(m K)	From tabulated values
Reaction to fire	EN 13501-1	A2 <sub>fl</sub> -s1	
Slip resistance	EN 14231	≥ 35 (Dry)	
		≥ 3 (Wet)	
Slip resistance	DIN 51130	R9	For honed H9

Terrazzo Tiles

14 Englands Lane - London - NW3 4TG

+44 (0) 207 485 7227 - sales@terrazzo-tiles.co.uk