

# TECHNICAL DATA SHEET

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Test Performed	Test Procedure	Test Results
Density	ASTM C97	2.4 g/cm <sup>3</sup>
Mohs hardness	BS 6431	6-7 Mohs
Impact resistance	TS EN 14617-9	15-30 CM for 1.5 CM products 35-60 CM for 2 CM products 80-175 CM for 3 CM products
Flexural strength	ES EN 14617-2 ASTM C880	40-70 N/M m <sup>2</sup> 6301 psi
Abrasion resistance	TS EN 14617-4	140-175 mm
Water absorption	TS EN 14617-1 BS 6431-11	0.01% 0.01%
Flame spread	ASTM E-84	Class A
Chemical resistance	ASTM D2299 BS-6431-18	Only strong and bases may effect
Resistance to freeze and thaw cycling	ASTM C1026	No change
Modulus of rupture	BS 6431-12	52.4 N/mm (m <sup>2</sup> )
Thermal shock resistance	ASTM -C484	No visible defects
Weathering	ASTM G23	No visible change after 100 hours