

TECHNICAL DATA SHEET

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| Test Performed | Test Procedure | Test Results |
|---------------------------------------|-----------------------------|---|
| Density | ASTM C97 | 2.4 g/cm ³ |
| 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 ² 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 ²) |
| Thermal shock resistance | ASTM -C484 | No visible defects |
| Weathering | ASTM G23 | No visible change after 100 hours |