

Material Characteristics



Commercial Name: Imperial
 Stone Type: Buff / Granite
 Place of Origin: Viana do Castelo / Portugal
 Density (Kg/m3): 2600



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	12.00	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	12.0 / 10.3	BS EN 12371:2010
Compressive Strength (MPa) Mean	148	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	x	BS EN 12371:2010
Slip Resistance	Flamed: 73 (wet), 86 (dry)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.30	BS EN 13755:2008
Wide Wheel Abrasion (mm)	16.3	BS EN 14157:2004
Open Porosity (%)	1.0	BS EN 1936:2006
PPV (Before/After Polishing)	x	BS EN 7932:2003
Light Reflectance Value (LRV) %	50.8 (Flamed), 49.1 (Bush-Hammered)	BS EN 84369:2008



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