

Material Characteristics



Commercial Name: Magma
 Stone Type: Buff/Yellow/Grey / Granite
 Place of Origin: Fujian / China
 Density (Kg/m3): 2590



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	11.60	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	14.3 / 15.4	BS EN 12371:2010
Compressive Strength (MPa) LEV	147.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	160 / 167	BS EN 12371:2010
Slip Resistance	Flamed: 74 (wet), 79 (dry) Bush-Hammered: 82 (wet), 90 (dry)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.40	BS EN 13755:2008
Wide Wheel Abrasion (mm)	20.1	BS EN 14157:2004
Open Porosity (%)	1.3	BS EN 1936:2006
PPV (Before/After Polishing)	61/47 (Flamed), 72/59 (BH)	BS EN 7932:2003
Light Reflectance Value (LRV) %	54.8 (Bush-Hammered), 43.2 (Flamed), 42.2 (Shot-Blasted), 42.2 (Honed)	BS EN 84369:2008



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