

Material Characteristics



Commercial Name: Kobra
 Stone Type: Mid Grey / Granite
 Place of Origin: Fujian / China
 Density (Kg/m3): 2770



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	14.20	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	15.8 / 15.0	BS EN 12371:2010
Compressive Strength (MPa) LEV	157.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	171 / 179	BS EN 12371:2010
Slip Resistance	Flamed: 74 (wet), 80 (dry) Bush-Hammered: 82 (wet), 87 (dry)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.17	BS EN 13755:2008
Wide Wheel Abrasion (mm)	20.8	BS EN 14157:2004
Open Porosity (%)	0.6	BS EN 1936:2006
PPV (Before/After Polishing)	71/57 (Flamed), 20/21 (Honed)	BS EN 7932:2003
Light Reflectance Value (LRV) %	31.13 (Flamed), 23.61 (Bush-Hammered), 18.78 (Honed)	BS EN 84369:2008



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