

Material Characteristics



Commercial Name: Kilkenny Blue
 Stone Type: Blue / Limestone
 Place of Origin: Co. Kilkenny / Ireland
 Density (Kg/m3): 2680



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	11.20	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	12.6 / 12.5	BS EN 12371:2010
Compressive Strength (MPa) LEV	109.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	x	BS EN 12371:2010
Slip Resistance	Flamed: 77 (wet), 96 (dry) Bush-Hammered: 72 (wet), 92 (dry) : Sbattu 74 (wet), 85 (dry) : Sandblasted 69 (wet), 81 (dry)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.20	BS EN 13755:2008
Wide Wheel Abrasion (mm)	19.5	BS EN 14157:2004
Open Porosity (%)	0.5	BS EN 1936:2006
PPV (Before/After Polishing)	x	BS EN 7932:2003
Light Reflectance Value (LRV) %	16.65 (Line Chiseled), 29.32 (Sbattu), 14.5 (Stonewashed), 16 (Flamed)	BS EN 84369:2008



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