

Material Characteristics



Commercial Name: Forest Pennant Blue
 Stone Type: Blue / Sandstone
 Place of Origin: Gloucester / UK
 Density (Kg/m3): 2416



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	15.50	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	15.5 / 12.9	BS EN 12371:2010
Compressive Strength (MPa) LEV	91.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	91 / 109	BS EN 12371:2010
Slip Resistance	Diamond Sawn: 80 (wet) Flamed: 89 (wet)	BS EN 14231:2003
Water Absorption (g/m2/s2)	2.60	BS EN 13755:2008
Wide Wheel Abrasion (mm)	20	BS EN 14157:2004
Open Porosity (%)	x	BS EN 1936:2006
PPV (Before/After Polishing)	87 / 73 (Sawn)	BS EN 7932:2003
Light Reflectance Value (LRV) %	31.4 (Sawn), 29.1 (Shot-Blasted)	BS EN 84369:2008



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