

Material Characteristics



Commercial Name: Prima Porphyry Full Colour Mix
 Stone Type: Mixed / Porphyry
 Place of Origin: Albiano, Trentino / Italy
 Density (Kg/m3): 2568
 Quarry: 40° 18' 12.96"N 4° 24' 0.7626"W /
 Carretera Pelayos de la Presa, Bajo,
 M-541, 28640 Cadalso de los
 Vidrios



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	21.60	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	22.8 / 21.8	BS EN 12371:2010
Compressive Strength (MPa) LEV	146.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	185 / 194	BS EN 12371:2010
Slip Resistance	Flamed: 71 (wet), 92 (dry) Natural Cleft: 87 (dry), 75 (wet)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.90	BS EN 13755:2008
Wide Wheel Abrasion (mm)	15	BS EN 14157:2004
Open Porosity (%)	2.3	BS EN 1936:2006
PPV (Before/After Polishing)	73/53 (Natural Cleft)	BS EN 7932:2003
Light Reflectance Value (LRV) %	Mixed colours - Test not applicable	BS EN 84369:2008



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