

Material Characteristics



Commercial Name: Silva Montemuro Cinza
 Stone Type: Silver Grey, White / Granite
 Place of Origin: Duoro Valley / Portugal
 Density (Kg/m3): 2640
 Quarry: 41.086896, -8.274105 / Rua da Zona Industrial, Várzea do Douro



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	12.00	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	16.7 / 18.4	BS EN 12371:2010
Compressive Strength (MPa) LEV	231.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	248 / 241	BS EN 12371:2010
Slip Resistance	Sawn: 64 (Wet), 67 (dry) Shotblasted: 82 (wet)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.30	BS EN 13755:2008
Wide Wheel Abrasion (mm)	19	BS EN 14157:2004
Open Porosity (%)	1.0	BS EN 1936:2006
PPV (Before/After Polishing)	x	BS EN 7932:2003
Light Reflectance Value (LRV) %	34.18 (Honed), 40.81 (Bush-Hammered), 34.62 (Flamed)	BS EN 84369:2008



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