



PORT LIME

NATURAL LIMESTONE

LAMBS



100 YEARS COMMITMENT
TO CRAFTSMANSHIP
01403 785141



Product: Port Lime

Type: Limestone

Suitability: Walling, cladding, masonry and carving.

Characteristics	Test Method	Declared Values
Colour		Light Straw
Petrology	BS EN 12407:2007 BS EN 12670:2004	Oolitic Limestone
Visual Appearance	Visual	Compact—Porous Fossils
Tactile Test	Visual	Coarse abrasive Raw Fine abrasive surface processed
Water Absorption at atmospheric pressure	BS EN 13755:2002 BS EN 1097 / 2002/A1:2006	Mean:11.141%
Water Absorption by Capillarity Action	BS EN 1925:2001 BS EN 1097 / 2002/A1:2006	Mean:11.350%
Apparent Density	BS EN 1936:2001	Mean: 1,894 γ_a ·104; N/m ³
Porosity at normal pressure	BS EN 1936:2001	Mean:21.10%
Uniaxial compressive breaking strength after 25 freeze-thaw cycles	BS EN 12371: 2001 BS EN 1926:2007 BS EN 12091:1999 BS 1367/1:2007	Mean:11.46 MPa; N/mm ²
Sensitivity coefficient to frost	BS EN 12371:2001 BS EN 1926:2007	Mean: 19.46% Damage unlikely
Frozen Coefficient	BS EN 12371:2001 BS EN 1926:2007	Mean: 0.98% Damage unlikely
Compressive Strength Dry Sample	BS EN 1926:2007 BS EN 12371: 2001 BS EN 12390—3:2009	Mean: 14.23 MPa; N/mm ²
Compressive Strength Wet Sample	BS EN 1926:2007 BS EN 12371: 2001	Mean:12.32 MPa;N/mm ²



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Characteristics	Test Method	Declared Values
Resistance to Fragmentation Los Angeles Test	BS EN 1097-2:1998 BS AS 730/1989	Mean: 49.0%
Humidity	BS AS 1913/1-82 BS 5264:1995 BS ISO 712/2010	Mean: 1.131%
Uniaxial Tensile strength test UTS Brazilian Test	BS AS 6200/6-1991 BS EN 12372 AC:2002 BS EN 1607+AC:1999	Mean: 2.486 MPa; N/mm ²
Flexural Ultimate Strength (bending)	BS EN 12372 AC:2002 BS EN 948:2002 BS EN 12390-6:2009	Mean: 2.003 MPa; N/mm ²
Ultimate strength as slip (shear)	BS EN 14231:2003 BS AS 8942/2-82	Mean: 12.55 MPa; N/mm ² 7.295 MPa; N/mm ² 1.175 MPa; N/mm ² 2.02 MPa; N/mm ²
Resistance to wear (abrasion)	BS EN 1097-1:1998 BS EN 14157: 2006	Mean: 21.6%
Suitability	Very Good In Frosty Conditions and Resistant to Salt Air.	Ashlar, Cornice, Copings, Carving. Used on many of Europe's Public Buildings & Country Estates.
Availability		Very Large Blocks & Bed Heights
Denomination	First Used by The Romans	Austro Hungarian Limestone

This is a general sample and is indicative of the texture, colour and shape of our material. This product is made from natural material and therefore can vary. No warranty is given or implied that the goods will in all respects be equal to the sample.



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PORT REGENT LIMESTONE



Product: Port Regent

Type: Limestone

Suitability: Walling, Cladding, Masonry and Paving

Characteristics	Test Method	Declared Values
Colour		Off White
Petrology		Sedimentary, Hard / Dense Similar to Marble
Density	EN 1936 (1999)	Mean:2375kg/m3 E+: x E-: x Standard Deviation: 50
Porosity	EN 1936 (1999)	Mean:8.4 V% E+: x E-: x Standard Deviation: 0.4
Water Absorption by Capillary Action	EN 1925 (1999)	Mean:13.975 g/m2 E+: x E-: x Standard Deviation: 1.374
Water Absorption at Atmospheric Pressure	EN 1925 (1999)	Mean:0.000 g/m2 E+: x E-: x Standard Deviation: 0.000
Compressive Strength	EN 12372 (1999)	Mean:17.5MPa E+: x E-: 6.7 Standard Deviation: 2.4
Salt Crystallisation	EN 12370 (1999)	Mean: -1.1m% E+: 0.0 E-: 0.0 Standard Deviation: 0.0
Thermal Shocks-Mass	EN 14066 (2003)	Mean: 1.1 m% E+: x E-: 0.6 Standard Deviation: 0.3
Thermal Shocks-E-mod	EN 14066 (2003)	Mean: 0.1 % E+: x E-: 0.1 Standard Deviation: 3.4
PTO		

Characteristics	Test Method	Declared Values
Frost Resistance-DIN	DIN 52 104 (1976)	Mean: 0.1m % E+: x E-: x Standard Deviation: 0.0
Frost Resistance (650mmHg) - NBN	NBN 27-009 (1983)	Resistant
Frost Resistance (400mmHg) - NBN	NBN 27-009 (1983)	— — -
Frost Resistance-EN	EN 12371 (2001)	Nc= 240
Suitability	Very Good In Frosty Conditions and resistant to Salt Air.	Ashlar, Cornice, Copings & Paving. Used on many of Europe's Public Buildings & Country Estates.
Availability		Very Large Blocks & Bed Heights
Denomination	First Used by The Romans	Austro Hungarian Limestone

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