

Thornlake Sandstone



Marshall's Thornlake Cambrian Sandstone is a strong landscaping stone that can be used for both pedestrian and vehicular trafficked areas. A grey sandstone, it is supplied with a blasted finish and available as paving, setts and kerbs. Other features may be available by agreement. Thornlake has all the traditional hard-wearing strength of sandstone, meaning it can withstand occasional use by emergency and delivery vehicles.

DESCRIPTION	
Appearance	Grey Sandstone of varying tones
Manufacturing Process	Sawn
Geological Type	Cambrian Sandstone
Quarry Location	Kota Region, Rajasthan, India
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1341 : 2012, BS EN 1342 : 2012 & BS EN 1343 : 2012
Petrographical Description	Grey to grey/greenfine grained arenaceous sandstone
UKCA Marking/DOP	www.marshalls.co.uk/declarations

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PHYSICAL PROPERTIES

Tolerances on Work Dimensions (mm)	Paving Class 1 tolerances to all dimensions as standard, Setts Class 2 tolerances to all dimensions as standard, Kerbs Class 2 tolerances to all dimensions as standard, Others by agreement
Abrasion Resistance (mm)	16.5mm (Mean value to EN 14157 : 2004 (Hev = 18.8mm))
Durability (Freeze-thaw)	32.5/29.6 MPa (Mean values to EN 12371 : 2006)
Material Density	2570 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	4% (Mean value to EN 1936 : 2006)
Slip Resistance (Dry)	Blasted 91
Slip Resistance (Wet)	Blasted 78
Transverse/Flexural Split/Breaking	32.6 MPa (Mean value to EN 12372 : 2006 (Lev = 25.0 MPa))
LRV Range	Blasted 43.45 (Dry) 17.88 (Wet)
Surface Roughness (Rz - µm)	Blasted 46.9
Compressive Strength (Mpa)	163 MPa (Mean value to EN 1926 : 2006 (Lev = 102 MPa))
Water Absorption (%)	1.20% (Mean value to EN 13755 : 2008 (Hev = 1.40%))

SUPPLY

Packaging	Crated
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FURTHER INFORMATION

Contact Us	For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233
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