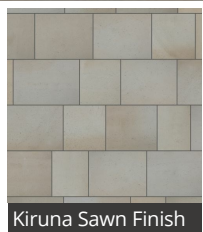


Kiruna Sandstone

Date Created: 26/07/19



Kiruna Sawn Finish

Marshall's Kiruna Sandstone is a hard-wearing, strong and durable Sandstone suitable for both pedestrian and vehicular trafficked areas. Buff in appearance, Kiruna is available in a sawn finish in paving and setts only.

Kiruna Sandstone, like all Marshall's Sandstones, is produced to ISO9001 quality assurance standards and fully tested to the appropriate standards in the UK, as well as being CE marked in accordance with the latest legislation.

DESCRIPTION

Appearance	Beige sandstone with some inclusions
Manufacturing Process	Sawn
Geological Type	Sandstone
Quarry of Origin	Shaanxi Province, China
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	Beige sandstone with some inclusions
CE Marking/DOP	https://www.marshalls.co.uk/dop



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PHYSICAL PROPERTIES

Work Dimensions (mm)	450 x 450 x 50
	450 x 450 x 63
	450 x 450 x 75
	900 x 450 x 50
	900 x 450 x 63
	900 x 450 x 75
	600 x 600 x 50
	600 x 600 x 63
	600 x 600 x 75
	900 x 900 x 50
	900 x 600 x 63
	900 x 600 x 75
	200 x 100 x 63
	200 x 100 x 75
	300 x 100 x 50
	300 x 100 x 63
	300 x 100 x 75
	300 x 150 x 50
	300 x 150 x 63
	300 x 150 x 75
300 x 200 x 50	
300 x 200 x 63	
300 x 200 x 75	

Tolerances on Work Dimensions (mm)	Paving Class 1, Setts Class 2 tolerances to all dimensions as standard Others by agreement
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Abrasion Resistance (mm)	18mm (Mean value to EN 14157 : 2004) (Hev=18.6mm)
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Light Reflection Value (LRV)	30.9 (Mean value to BS 8493:2008 + A1:2010)
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Durability (Freeze-thaw)	16.1/15.2 MPa (Mean values to EN 12371 : 2006)
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Material Density	2570 kg/m ³ (Mean value to EN 1936 : 2006)
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Open Porosity (%)	3.2% (Mean value to EN 1936 : 2006)
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Compressive Strength (MPa)	145 MPa (Mean value to EN 1926 : 2006) (Lev=125 MPa)
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Water Absorption (%)	1.3% (Mean value to EN 13755 : 2008) (Hev=1.41%)
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Transverse/FlexuralSplit/Breaking	16.1 MPa (Mean value to EN 12372 : 2006) (Lev=10.1 MPa)
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TEXTURE SPECIFIC PROPERTIES

Sawn

Surface Roughness (Rz-µm)	59.75
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Slip Resistance (BS 14231) (Dry)	77
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Slip Resistance (BS 14231) (Wet)	72.6
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MANUFACTURING

Materials Control	CE Marked to BS EN 1341 Paving, 1342 Setts
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SUSTAINABILITY

ERI Score	Our Score: 1 Cluster Score: 0.7
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Carbon Footprint	Available on Request
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FURTHER INFORMATION

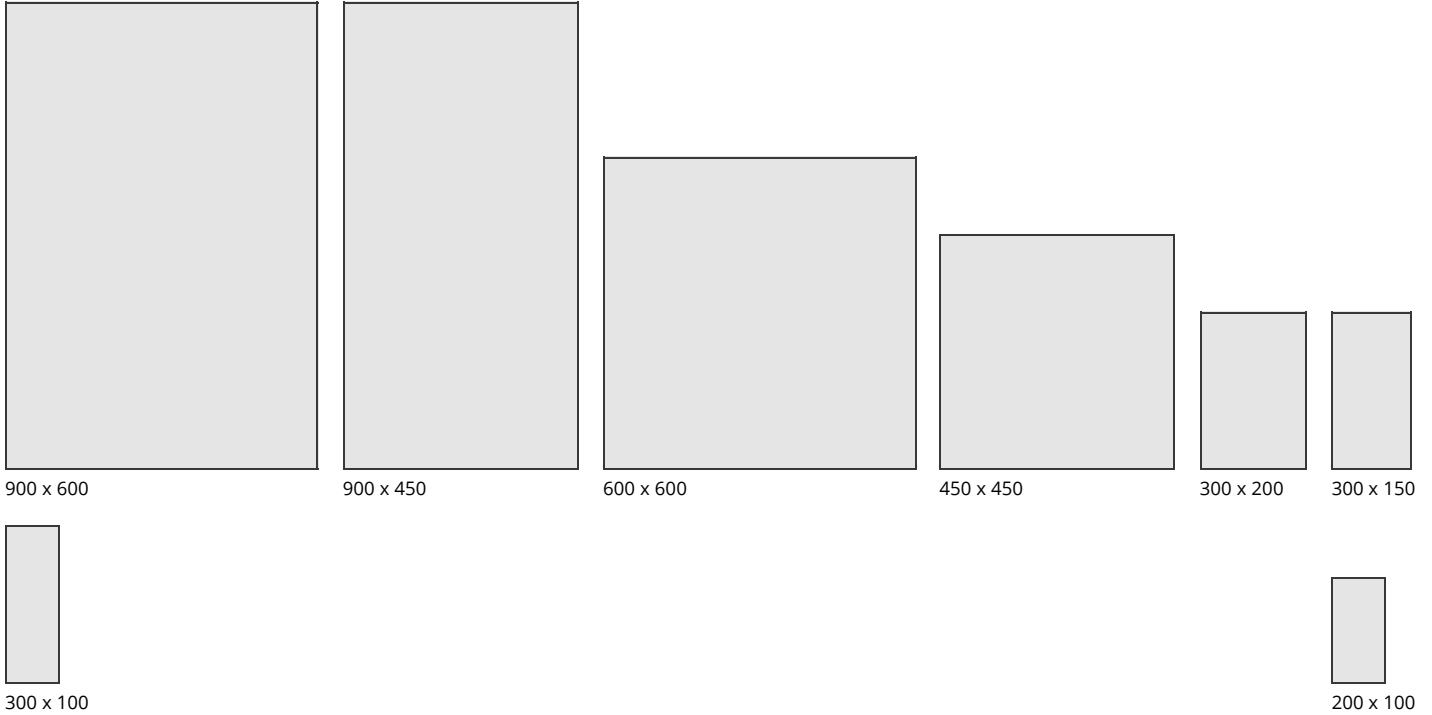
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Suggested Plan Sizes



The plan sizes shown above illustrate popular sizes of our Natural Stone. Bespoke sizes are available upon request.

