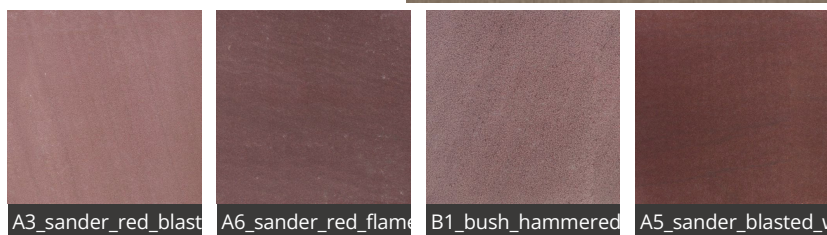


# Sander Red Sandstone

Date Created: 10/12/21



\*It should be noted that colour variations and markings are characteristic of Natural Stone. Inherent variations cannot be controlled nor the precise shade of stone guaranteed.

Marshalls' Sander Red Indian Sandstone is a durable, hard-wearing landscaping stone that can be deployed in a diverse range of applications.

A warm red sandstone, it is supplied with a blasted finish. Other products and specials may be available by agreement.

Offering the strength sandstones are renowned for, Sander Red is suitable for deployment in both pedestrian and trafficked areas and is able to deal with frequent heavy loads.

DESCRIPTION	
Appearance	Red Sandstone
Manufacturing Process	Sawn
Geological Type	Cambrian Sandstone
Quarry of Origin	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	Dark red mainly fine grained sandstone
UKCA Marking/DOP	<a href="https://www.marshalls.co.uk/declarations">https://www.marshalls.co.uk/declarations</a>

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## PHYSICAL PROPERTIES

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

Abrasion Resistance (mm) 17.5mm (Mean value to EN 14157 : 2004 (Hev = 18.5mm))

Durability (Freeze-thaw) 33.4/30.1 MPa (Mean values to EN 12371 : 2006)

Material Density 2520 kg/m<sup>3</sup> (Mean value to EN 1936 : 2006)

Open Porosity (%) 3.49% (Mean value to EN 1936 : 2006)

Compressive Strength (MPa) 140 MPa (Mean value to EN 1926 : 2006 (Lev = 91 MPa))

Water Absorption (%) 1.50% (Mean value to EN 13755 : 2008 (Hev = 1.70%))

Transverse/FlexuralSplit/Breaking 33.4 MPa (Mean value to EN 12372 : 2006 (Lev = 29.2 MPa))

## TEXTURE SPECIFIC PROPERTIES

Blasted

Light Reflectance Value (LRV) 19.2 (Dry), 8.64 (Wet)

Surface Roughness (Rz-µm) 55.8

Slip Resistance (BS 14231) (Dry) 94

Slip Resistance (BS 14231) (Wet) 84

## MANUFACTURING

Materials Control UKCA Marked to BS EN 1341 Paving

## SUSTAINABILITY

ERI Score Our Score: 3.6  
Cluster Score: 2.4

## FURTHER INFORMATION

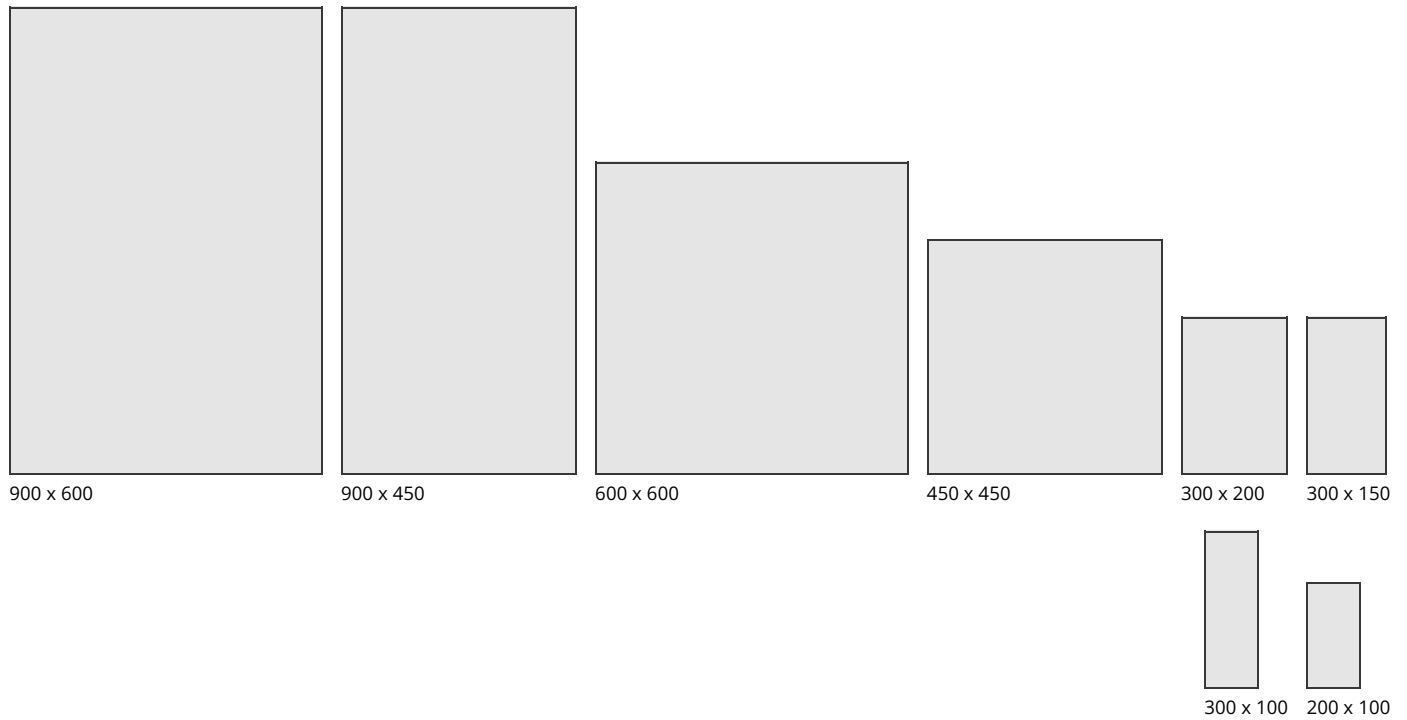
Cleaning & Maintenance Available on request

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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## Suggested Plan Sizes



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

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