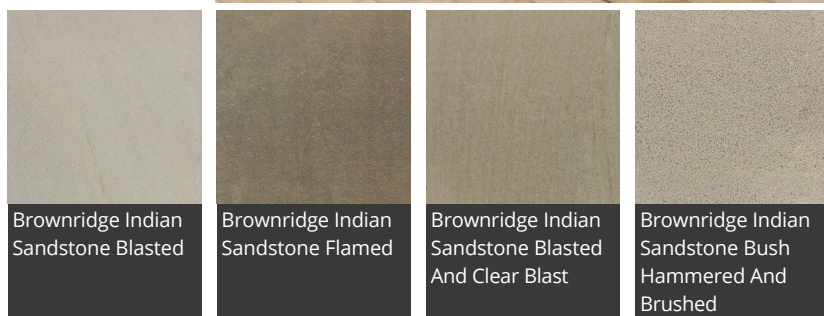


Brownridge Sandstone

Date Created: 14/10/19



Brownridge Indian Sandstone Blasted

Brownridge Indian Sandstone Flamed

Brownridge Indian Sandstone Blasted And Clear Blast

Brownridge Indian Sandstone Bush Hammered And Brushed

*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.

Brownridge is a sandstone paving that offers the strength and durability for which sandstone is traditionally renowned. A subtle brown coloured stone, it is an excellent choice for pedestrian areas due to its non-slip properties.

Supplied with a top surface which has a blasted and brushed finish to enhance slip resistance and colour, it comes pre-blended in the crates to speed up installation and reduce space on site.

It is part of Marshalls' ethical sourced range of natural stone. Brownridge is also available as part of our contemporary plank Stonespar range offering six pre-blended mixes inspired by the four seasons.

DESCRIPTION	
Appearance	Brown Sandstone of varying tones
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	Brown/red fine grained arenaceous sandstone
CE Marking/DOP	https://www.marshalls.co.uk/dop



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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)	17mm (Mean value to EN 14157 : 2004 (Hev =17.8mm))
Durability (Freeze-thaw)	20.4/29.1 MPa (Mean values to EN 12371 : 2006)
Material Density	2590 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	2.9% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	192 Mpa (Mean value to EN 1926 : 2006 (Lev =151 Mpa))
Water Absorption (%)	1% (Mean value to EN 13755 : 2008 (Hev =1.2%))
Transverse/FlexuralSplit/Breaking	37.5 Mpa (Mean value to EN 12372 : 2006 (Lev =34.3 Mpa))

TEXTURE SPECIFIC PROPERTIES

	Blasted	Flamed	Blast & Clear Blast	Bush hammered & Brushed
Light Reflectance Value (LRV)	33.71 (Dry), 11.98 (Wet)	20.61 (Dry), 8.35 (Wet)	24.07 (Dry), 9.38 (Wet)	29.35 (Dry), 10.67 (Wet)
Surface Roughness (Rz-µm)	41.2	42.3	53.3	>100
Slip Resistance (BS 14231) (Dry)	92.2	97.5	101.7	94.9
Slip Resistance (BS 14231) (Wet)	75.5	74.2	84	76.7

MANUFACTURING

Materials Control	CE Marked to BS EN 1341 Paving, 1342 Setts, 1343 Kerbs
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SUSTAINABILITY

ERI Score	Our Score: 3.6 Cluster Score: 2.4
Carbon Footprint	
Brownridge Sandstone Paving 300 x RL x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 450 x 450 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 450 x 900 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 450 x RL x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 600 x 600 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 600 x 900 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 600 x RL x 50	101.5 kg CO2 m ²
Brownridge Sandstone Setts 200 x 100 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Setts 300 x 100 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Setts 300 x 150 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Setts 300 x 200 x 50	101.5 kg CO2 m ²
Brownridge Sandstone Paving 300 x RL x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 450 x 450 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 450 x 900 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 450 x RL x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 600 x 600 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 600 x 900 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 600 x RL x 63	127.89 kg CO2 m ²
Brownridge Sandstone Setts 200 x 100 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Setts 300 x 100 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Setts 300 x 150 x 63	127.89 kg CO2 m ²



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SUSTAINABILITY

Brownridge Sandstone Setts 300 x 200 x 63	127.89 kg CO2 m ²
Brownridge Sandstone Paving 300 x RL x 75	152.25 kg CO2 m ²
Brownridge Sandstone Paving 450 x 450 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Paving 450 x 900 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Paving 450 x RL x 75	152.25 kg CO2 m ²
Brownridge Sandstone Paving 600 x 600 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Paving 600 x 900 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Paving 600 x RL x 75	152.25 kg CO2 m ²
Brownridge Sandstone Setts 200 x 100 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Setts 300 x 100 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Setts 300 x 150 x 75	152.25 kg CO2 m ²
Brownridge Sandstone Setts 300 x 200 x 75	152.25 kg CO2 m ²

FURTHER INFORMATION

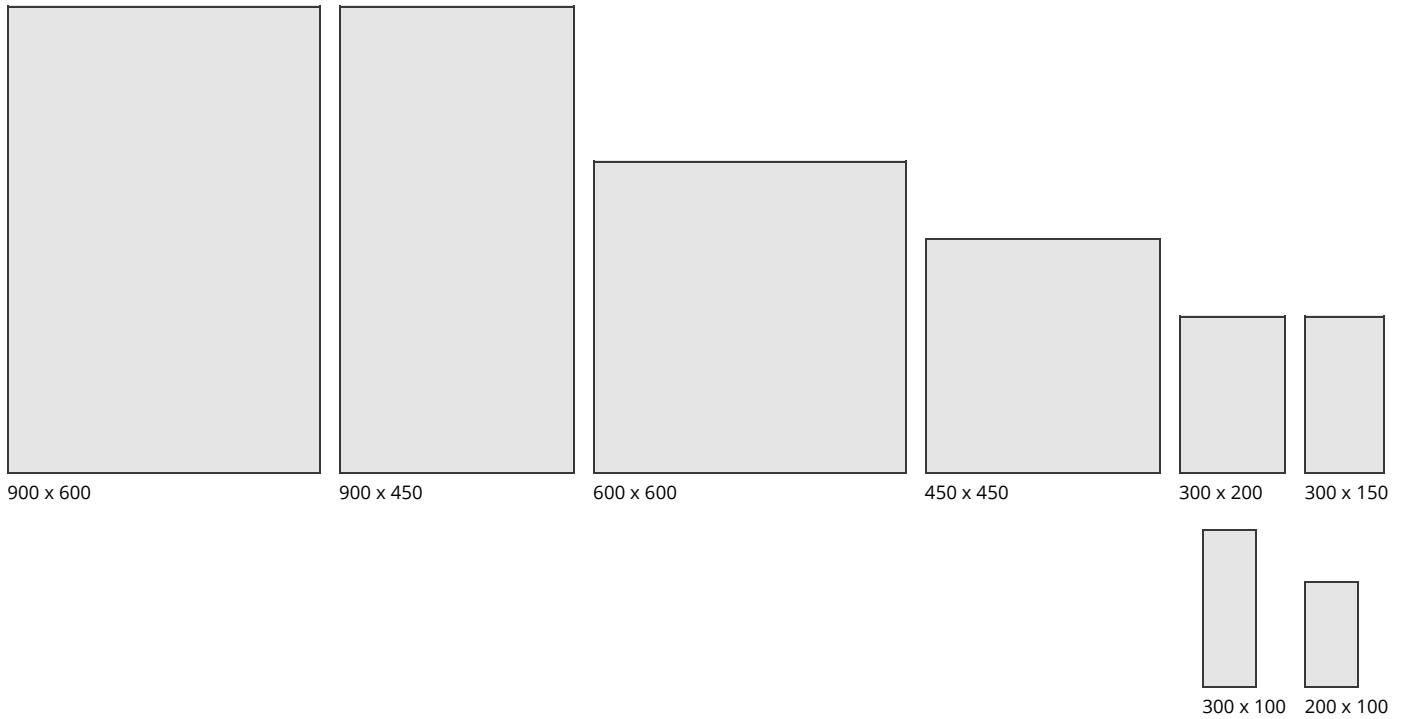
Contact Us For technical information on the design, specification and construction when utilising the product, contact Marshalls Group Technical Services on 03704 11 22 33



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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.