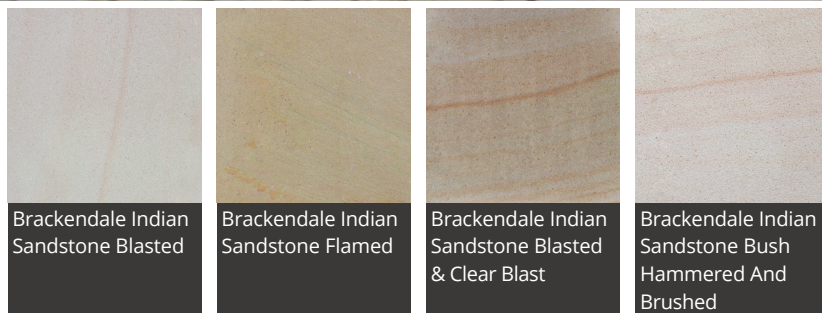


Brackendale Sandstone

Date Created: 17/10/19



Brackendale Indian Sandstone Blasted Brackendale Indian Sandstone Flamed Brackendale Indian Sandstone Blasted & Clear Blast Brackendale 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.

Brackendale is a warm buff, lightly textured Sandstone paving that has some very subdued banding.

Extremely strong, it offers all-round high performance and is an ideal choice for mixed-use areas given its ability to carry quite high loads. Suitable for both pedestrian and vehicular trafficked areas, it is supplied with a blasted finish.

Produced to ISO9001 quality assurance standards. All Marshalls sandstones are fully tested to the appropriate standards in the UK and are all CE marked in accordance with the latest legislation.

Sandstones are generally hard-wearing, strong and durable landscaping materials. Brackendale Indian Sandstone is available in paving, setts and kerbs. Other products and specials may be available by agreement.

DESCRIPTION	
Appearance	Buff 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	Pale greyish beige to pale buff with red brown streaks fine grained 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)	17.5mm (Mean value to EN 14157 : 2004 (Hev = 18.1mm))
Durability (Freeze-thaw)	35.7/31.9 MPa (Mean values to EN 12371 : 2006)
Material Density	2552 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	4.1% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	174 MPa (Mean value to EN 1926 : 2006 (Lev = 130 MPa))
Water Absorption (%)	1.2% (Mean value to EN 13755 : 2008 (Hev = 1.2%))
Transverse/FlexuralSplit/Breaking	27.5 MPa (Mean value to EN 12372 : 2006 (Lev = 22.5 MPa))

TEXTURE SPECIFIC PROPERTIES

	Blasted	Flamed	Blast & Clear Blast	Bush hammered & Brushed
Light Reflectance Value (LRV)	40.43 (Dry), 18.14 (Wet)	33.85 (Dry), 16.7 (Wet)	30.86 (Dry), 15.57 (Wet)	43.6 (Dry), 18.9 (Wet)
Surface Roughness (Rz-µm)	48.7	40.6	61	47
Slip Resistance (BS 14231) (Dry)	95.1	96.9	105.3	99.8
Slip Resistance (BS 14231) (Wet)	71.5	72	83.1	73

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	
Brackendale Sandstone Paving 300 x RL x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 450 x 450 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 450 x 900 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 450 x RL x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 600 x 600 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 600 x 900 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 600 x RL x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Setts 200 x 100 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Setts 300 x 100 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Setts 300 x 150 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Setts 300 x 200 x 50	101.5 kg CO ₂ m ²
Brackendale Sandstone Paving 300 x RL x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Paving 450 x 450 x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Paving 450 x 900 x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Paving 450 x RL x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Paving 600 x 600 x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Paving 600 x 900 x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Paving 600 x RL x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Setts 200 x 100 x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Setts 300 x 100 x 63	127.89 kg CO ₂ m ²
Brackendale Sandstone Setts 300 x 150 x 63	127.89 kg CO ₂ m ²



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SUSTAINABILITY

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

FURTHER INFORMATION

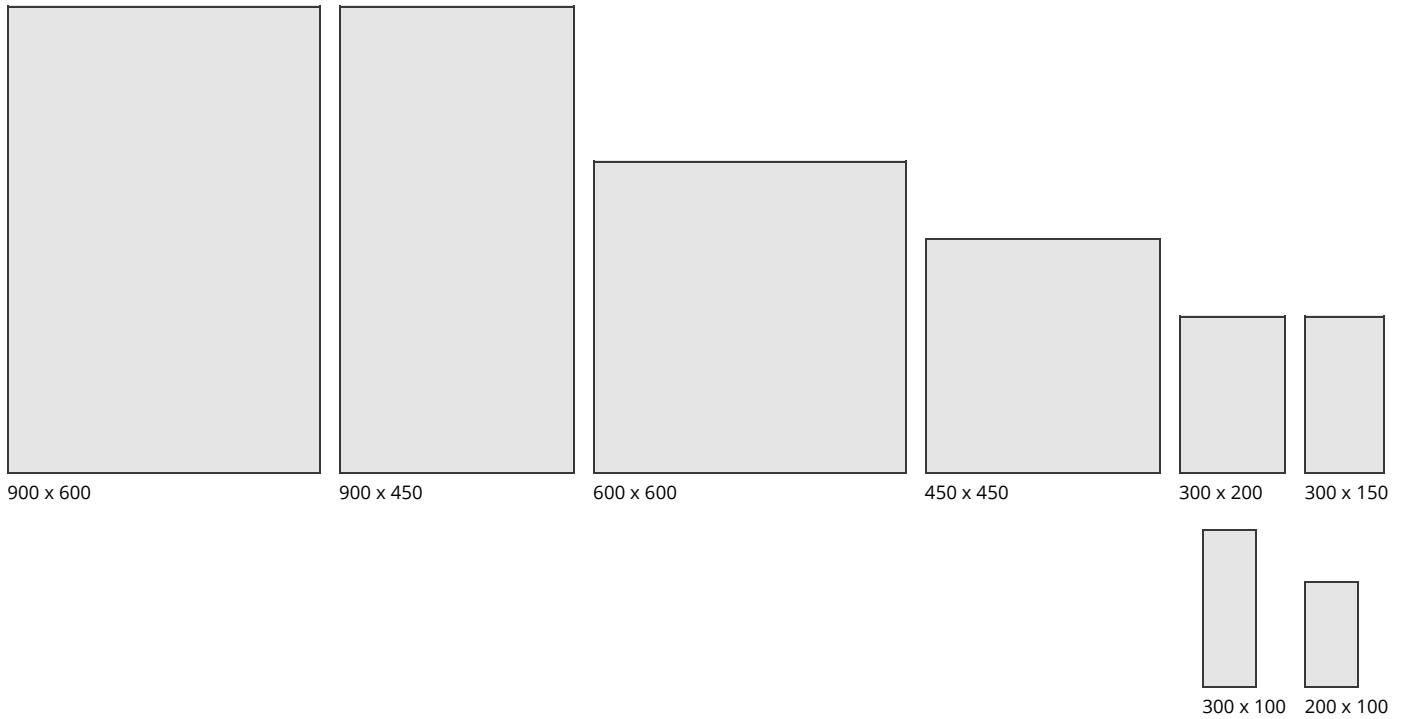
Contact Us For technical information on the design, specification and construction when utilising the product, contact Marshalls Group Technical Services on 03704 11 22 33



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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.

