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NBS Plus product specifications by NBS

The product information below is from the NBS Plus library of product clauses offered in NBS specification products. It has been created by NBS for Marshalls plc. The clause is authored in NBS format and is intended for inclusion in project specifications. The clause can be copied and pasted into your project specification document. **Please note that NBS product guidance is not a replacement for the manufacturer's literature and it is recommended that Marshalls plc be consulted before specifying.**

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Scoutmoor Yorkstone Setts



Fine grained, hard Yorkstone paving setts, which vary in colour from blue grey to buff brown.

Features and benefits:

- High slip resistance.
- Durable and hard-wearing.
- Available in four finish options.
- CE marked, and manufactured in accordance with BS EN 1342: 2012.

Also available as paving, slabs, kerbs, tactile paving, steps, water management, and low level masonry veneers for planters and seats – consult manufacturer for information.

Applications:
Suitable for any commercial or public space, including pedestrian and trafficked areas.

More about Scoutmoor Yorkstone Setts:
As standard - Options

Scoutmoor Yorkstone Setts

- Manufacturer: Marshalls plc.
  - Web: www.marshalls.co.uk.
  - Tel: +44 (0)330 0574472.
  - Product reference: Scoutmoor Yorkstone Setts.
- Size (l x w x t): [100 x 50 x 50 mm].
  [160 x 80 x 80 mm].
  [200 x 100 x 100 mm].
  [300 x 150 x 150 mm].
- Finish: [Capital finish].
  [Diamond blade sawn].
  [Diamond wire sawn].
  [Flamed]. - Consult manufacturer for technical details.

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Guidance for Scoutmoor Yorkstone Setts from Marshalls plc

More about Scoutmoor Yorkstone Setts: As standard - Options

As standard

Material:
Fine grained sandstone.

Technical characteristics:

- Tolerances (to BS EN 1342): Class 2.
- Abrasion resistance (to EN 14157): 18.5 mm.
- Density (to EN 1936: 2006): 2551 kg/m³.
- Open porosity (to EN 1936: 2006): 5%.
- Compressive strength (to EN 1926: 2006): 182 MPa.
- Water absorption (to EN 13755: 2008): 1.96%.
- Flexural split/ breaking (to EN 12372: 2006): 21.12 MPa.
- Light reflectance value (LRV): Capital finish: 28.98; diamond blade sawn: 27.83; diamond wire sawn: 27.83.
- Surface roughness: Capital finish: >75 Rz-µm; diamond blade sawn: 38 Rz-µm; diamond wire sawn: 41 Rz-µm.
- Dry slip resistance (to BS 14231): Capital finish: 102; diamond blade sawn: 88; diamond wire sawn: 99.
- Wet slip resistance (to BS 14231): Capital finish: 86; diamond blade sawn: 70; diamond wire sawn: 85.

Options

Size (l x w x t):
Other sizes may be available on request – consult manufacturer for details.

Further Information

Literature:

CPD information is available for Marshalls plc from ribacpd.com.

Additional information may be available for Marshalls plc from ribaproductselector.com.

Contacts:
www.marshalls.co.uk
info@marshalls.co.uk
T: +44 (0)330 0574472
F: +44 (0)870 2414165

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NBS Plus
www.thenbs.com/solutions, online library, 08 May 2019

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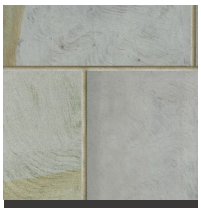
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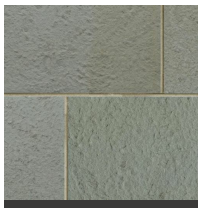
Scoutmoor Yorkstone

Date Created: 07/02/19




Scoutmoor - Diamond Sawn


Scoutmoor - Capital Finish


Scoutmoor - Flamed

*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.

Scoutmoor Yorkstone is a blue grey to brown coloured stone popular in projects across the UK thanks to its impressive technical performance. The strongest type of Yorkstone available in the UK, it is perfect for paved applications thanks to its strength, durability and class-leading slip resistance. Suitable for both pedestrian and trafficked areas, it's a reliable and hardwearing addition to any commercial or public space. As well as paving, Scoutmoor Yorkstone is suitable for setts, kerbs, tactile, steps, water management, special shaped paving and low level masonry veneers for planters and seats.

Textures include Diamond Sawn, Capital finish, and Flamed textured. Fully tested to the appropriate standards and CE marked to the latest legislation, the Scoutmoor quarry and manufacturing works are both ISO9001 accredited, and also meet ISO45001 and ISO14001 standards of health, safety and sustainability.

DESCRIPTION	
Appearance	Blue Grey to Brown fine grained Yorkstone
Manufacturing Process	Sawn
Geological Type	Millstone Grit series, Carboniferous sandstone
Quarry of Origin	Scoutmoor Quarry, Lancashire
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 greenish grey fine grained sandstone
CE Marking/DOP	https://www.marshalls.co.uk/dop

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Federation Stone Great Britain

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PHYSICAL PROPERTIES

Work Dimensions (mm)	400 x 300 x 63 450 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 600 x 50 900 x 600 x 63 900 x 600 x 75 200 x 100 x 50 200 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 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)	18.5mm (Mean value to EN 14157 : 2004 (Hev = 21.3mm))
Durability (Freeze-thaw)	24/21.9 MPa (Mean values to EN 12371 : 2006)
Material Density	2551 kg/m³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	5% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	182 MPa (Mean value to EN 1926 : 2006 (Lev = 178 MPa))
Water Absorption (%)	1.96% (Mean value to EN 13755 : 2008 (Hev = 2%))
Transverse/FlexuralSplit/Breaking	21.12 MPa (Mean value to EN 12372 : 2006 (Lev = 21 MPa))

TEXTURE SPECIFIC PROPERTIES

	Diamond Sawn	Capital	Fine Sawn	Flamed
Light Reflectance Value (LRV)	27.83	28.98	27.83	34.97
Surface Roughness (Rz-µm)	41	>75	38	52

MANUFACTURING

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

SUSTAINABILITY

ERI Score	Our Score: 4.3 Cluster Score: 3.3
	Carbon Footprint (KgCO2 each)
Scoutmoor Yorkstone Paving 300 x RL x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 300 x RL x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 300 x RL x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x 450 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x 450 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x 450 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x 900 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x 900 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x 900 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x RL x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x RL x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 450 x RL x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x 600 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x 600 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x 600 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x 900 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x 900 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x 900 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x RL x 50	25 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x RL x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Paving 600 x RL x 75	37.5 kg CO2 m²

Supplychain Member (ISM) UK 2018
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The Global Compact
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TEXTURE SPECIFIC PROPERTIES

Slip Resistance (BS 14231) (Dry)	99	102	88	103
Slip Resistance (BS 14231) (Wet)	85	86	70	69.9

SUSTAINABILITY

Scoutmoor Yorkstone Setts 200 x 100 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Setts 200 x 100 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Setts 200 x 100 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 100 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 100 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 100 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 150 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 150 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 150 x 75	37.5 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 200 x 50	25 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 200 x 63	31.5 kg CO2 m²
Scoutmoor Yorkstone Setts 300 x 200 x 75	37.5 kg CO2 m²

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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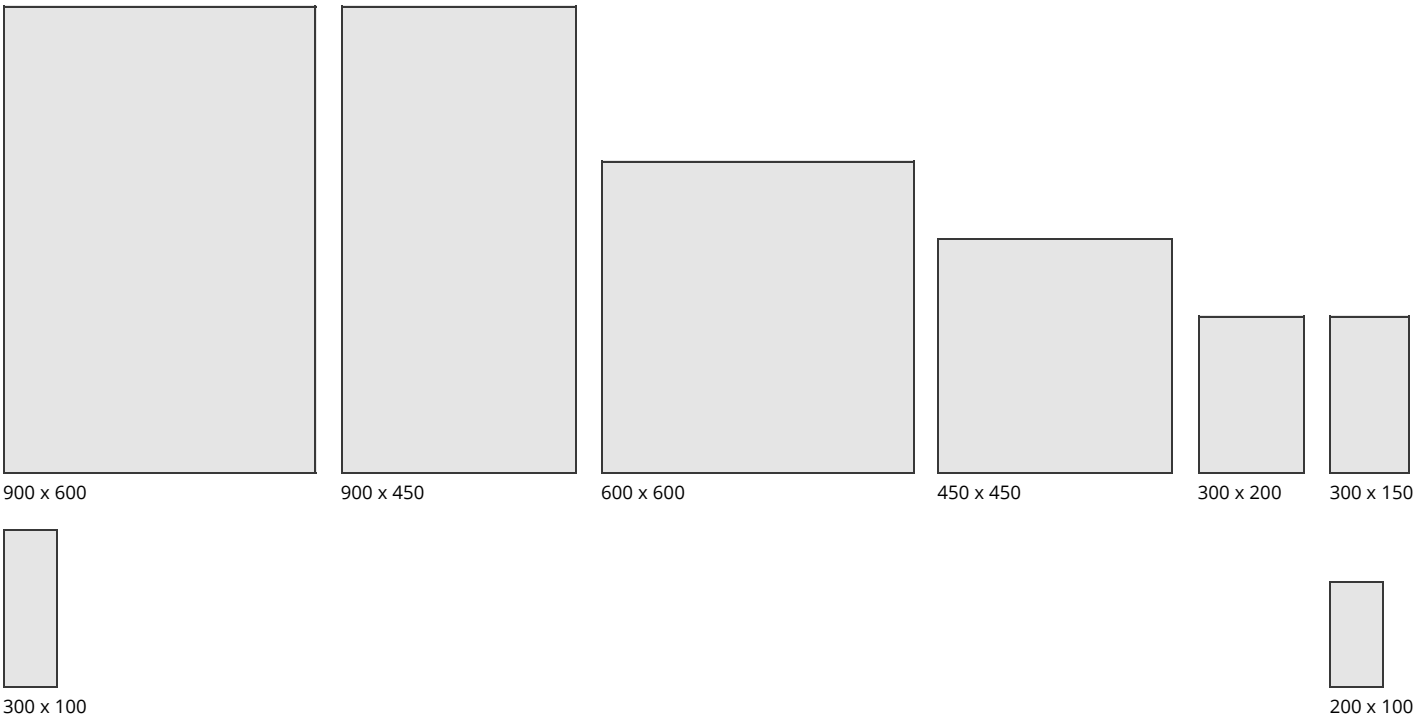
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Suggested Plan Sizes



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

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