Yorkstone

The Nation's Favourite Paving

For almost 200 years Yorkstone has been the nation's favourite choice of paving stone. With its outstanding technical properties this stone was originally supplied as a hand split riven paving but now with modern techniques it is mainly supplied in either Diamond Sawn or as Greenmoor Rustic. With a proven record of durability, longevity, strength and slip resistance, Marshalls Yorkstones have no equal in terms of range or quality.

Strength

Most people think that granite is stronger than Yorkstone but this is not true. Marshalls range of quality Yorkstones is far stronger than most granites, so they have no difficulty carrying modern urban loadings.

Slip Resistance

Yorkstone flags remain the best slip resistant paving available, with the added benefit of retaining their non slip properties as they wear.

Colours

A common misconception is that all Yorkstones are buff but this is not the case. Most Yorkstones vary in colour from buffs through to Blue Grey and Brown as shown on pages 18 & 19. As naturally occurring materials the colours may vary slightly from those shown.

Texture

Most Yorkstones are supplied in a diamond sawn finish. This method of production gives a more consistent thickness and width to aide easier and quicker installation of the product. Greenmoor Rustic is first sawn and then flame textured to enhance its colour and slip resistance. Traditional Riven paving is still produced but special care should be taken when specifying this product.

Reserves

All Marshalls Yorkstones have at least 20 years' fully consented reserves although the actual reserves are generally much greater.

Lead Times

Lead times may vary throughout the year so please check the availability of all items with our Natural Stone sales office.



Cromwell water feature, Bolton



Greenmoor Rustic paving, Selby Market Cross

‹ Scoutmoor paving, Trafalgar Square

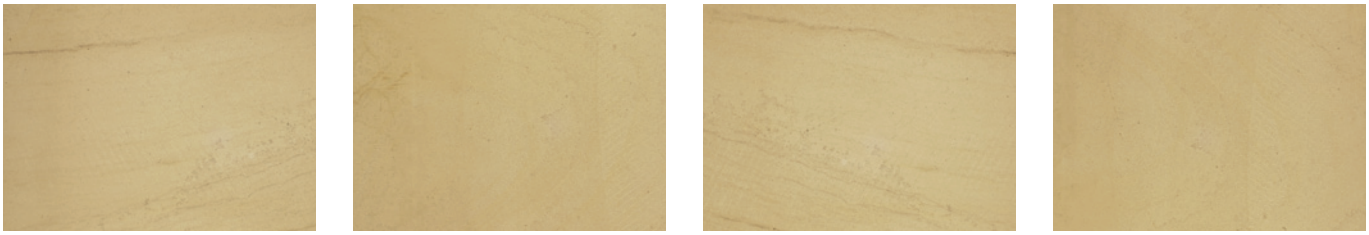


Diamond Sawn Yorkstone

www.marshalls.co.uk/naturalstone
Sales Office: 08704 112266

- An attractive fine sawn texture.
- Excellent slip resistance quality and durability.
- Suited to both contemporary scheme designs and traditional landscapes.
- Can generally be made into most paving, setts, kerbs, tactile and masonry

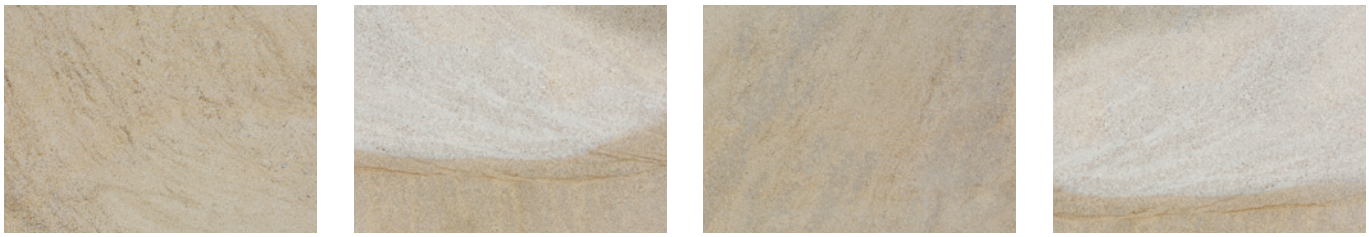
Cromwell Diamond Sawn finish. Predominantly buff with some veining



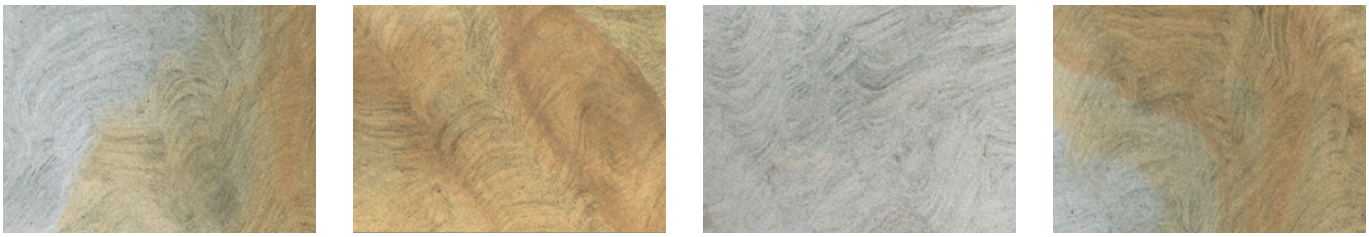
Scoutmoor Diamond Sawn finish. Varies from blue grey to buff brown



Moselden Diamond Sawn finish. Varies from buff to light grey



Appleton Diamond Sawn finish. Varies from blue grey to buff brown



Please note that diamond sawn paving may have a small amount of processing marks visible on the face

Stone Type	Paving	Setts	Kerbs	Tactile	Masonry
Cromwell	✔ Diamond Sawn or Capital Finish	✔ Diamond sawn or Tumbled	☎	✔	☎
Scoutmoor	✔ Diamond Sawn or Capital Finish	✔ Diamond sawn or Tumbled	✔ Diamond sawn	✔	☎
Moselden	✔ Diamond Sawn or Capital Finish	✔ Diamond sawn or Tumbled	✔ Diamond sawn	✔	☎
Appleton	✔ Diamond Sawn or Capital Finish	✔ Diamond sawn or Tumbled	☎	✔	☎
Grenmoor Rustic	✔ Rustic	✔ Rustic or Tumbled Rustic	-	-	☎
Yorkstone Riven	✔ Riven	-	-	-	☎
Westmoor Crest	✔ Textured	-	-	-	-

☎ Please contact our specialist Natural Stone sales team for further details on the options available

Capital Finish Yorkstone

www.marshalls.co.uk/naturalstone
Sales Office: 08704 112266

- A unique light texture
- A subtle alternative to diamond sawn finish (shown adjacent)

Cromwell Capital finish



Cromwell Diamond Sawn



Scoutmoor Capital finish.



Scoutmoor Diamond Sawn



Moselden Capital finish



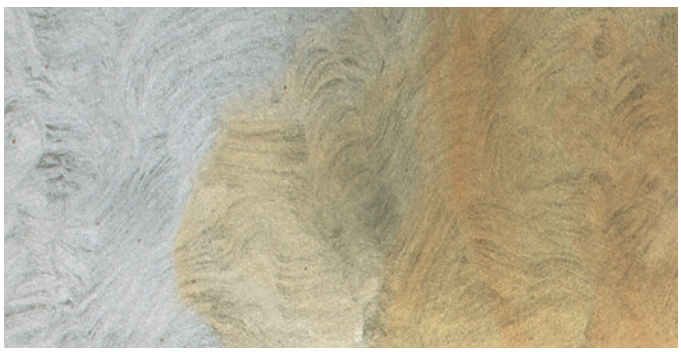
Moselden Diamond Sawn



Appleton Capital finish



Appleton Diamond Sawn



Yorkstone Paving

PS3PLUS NSSPlus

YOPA01 Q25.310

Diamond Sawn and Greenmoor Rustic Paving

Marshalls Diamond Sawn and Greenmoor Rustic Yorkstone paving is typically available in:

- Thickness - 50, 63 or 75mm.
- Width - 300, 450 or 600mm
- Random lengths.

For other possible size options please contact our Natural Stone sales team.

Riven Paving

Marshalls Riven paving is typically available in:

- Thickness - 38/63 or 63/90mm.
- Width - 600mm
- Random lengths.

For other possible size options please contact our Natural Stone sales team.



Cromwell, Knaresborough



Scoutmoor, Royal Albert Hall



Greenmoor Rustic, Ancoats, Manchester

❮ Cromwell, Morrisons HQ, Bradford

Yorkstone Setts

PS3PLUS NSSPlus

YOST01 Q24.130 Q25.330

Marshalls Yorkstone setts are typically available in:

- Thickness - 50, 63 or 75mm.
- Width - 100, 125 or 150mm
- Random lengths

A wider variety of size options are available to suit most applications. (please note: minimum plan size 100x100mm).

We recommend that Yorkstone setts are Tumbled to reduce the possibility of chipping during installation or when trafficked (see images for appearance).

Diamond Sawn and Greenmoor Rustic setts are also available. Please contact our Natural Stone sales team for further details on the options available.



Greenmoor Rustic Tumbled setts, Hamble



Greenmoor Rustic setts, Rochester



Diamond sawn Scoutmoor setts, Totnes

❮ Diamond sawn Scoutmoor setts, Bristol

Yorkstone Kerb

PS3PLUS NSSPlus

YOKB01 Q10.120

Marshalls Yorkstone kerbs are only available in a Diamond Sawn finish and are typically available in:

- 125x250 and 150x300 sizes.
- Radius kerbs are available to order.

We would recommend that a rounding is specified to the leading edge to reduce the possibility of chipping. 5mm is the recommended minimum.

Please contact our Natural Stone sales team for further details on the size options and roundings.



Scoutmoor kerb, Manchester



Cromwell kerb, Morrisons HQ



Scoutmoor kerb, Batley

Yorkstone Tactile

PS3PLUS NSSPlus

YOTL01 Q25.310

Marshalls Yorkstone tactile slabs are available in:

- Blister, Hazard Warning, Platform Edge, Lozenge and Cycleway
- Thickness - 50, 63, 75mm
- Width - 400 x 400mm.

Other size options may be available by agreement.
Please contact our Natural Stone sales team for further details on the options available.

(Please note: tactile units may show processing marks to top surface).



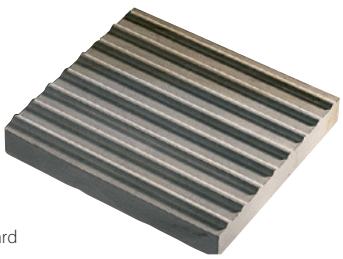
Platform Edge



Blister



Cycleway



Hazard



Moselden Blister tactile, Whitehall



Scoutmoor Hazard Warning tactile, Stanley Park, Liverpool

Yorkstone Masonry

YOMY01

Virtually all Yorkstone is bespoke, so having the flexibility to make something just that little bit different is just what we do every day. Adding a little bit of uniqueness to a scheme need not be a budget breaker so talk to us and see how we can help.

Marshalls has a huge capacity for producing specialised masonry tailor-made to your scheme's requirements. It can be as functional as a visibility strip in a step to as complex as ground breaking innovative design.

With the latest generation of 5 axial profiling saws, water jet cutting facilities and our team of highly skilled masons we believe that we have the capacity to produce almost anything you might need. We are only limited by the size of the blocks of stone and your imagination.

Marshalls has specialist stone experts in all parts of the country so call our Natural Stone sales office and we will be happy to come and discuss all your requirements. For a small taste of the services that Marshalls offers, refer to pages 6 – 11 and see just some of the areas in which Marshalls can be of assistance.



Inlaid black visibility strips, Barnsley



Spherical bollard, Milton Keynes



Engraved and painted crest



Radius paving, Swindon

‹ Clad benches, Bristol

Solid radius steps, Caerphilly



Circular step inserts, Leeds





Granite inserts into Yorkstone steps, Leeds



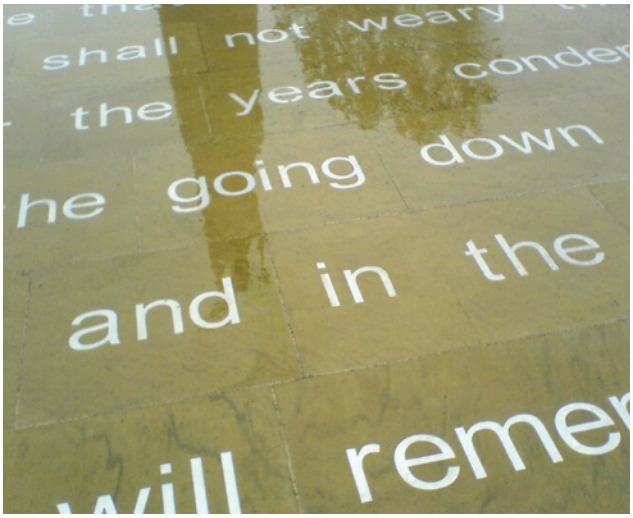
Radial feature, Blackburn



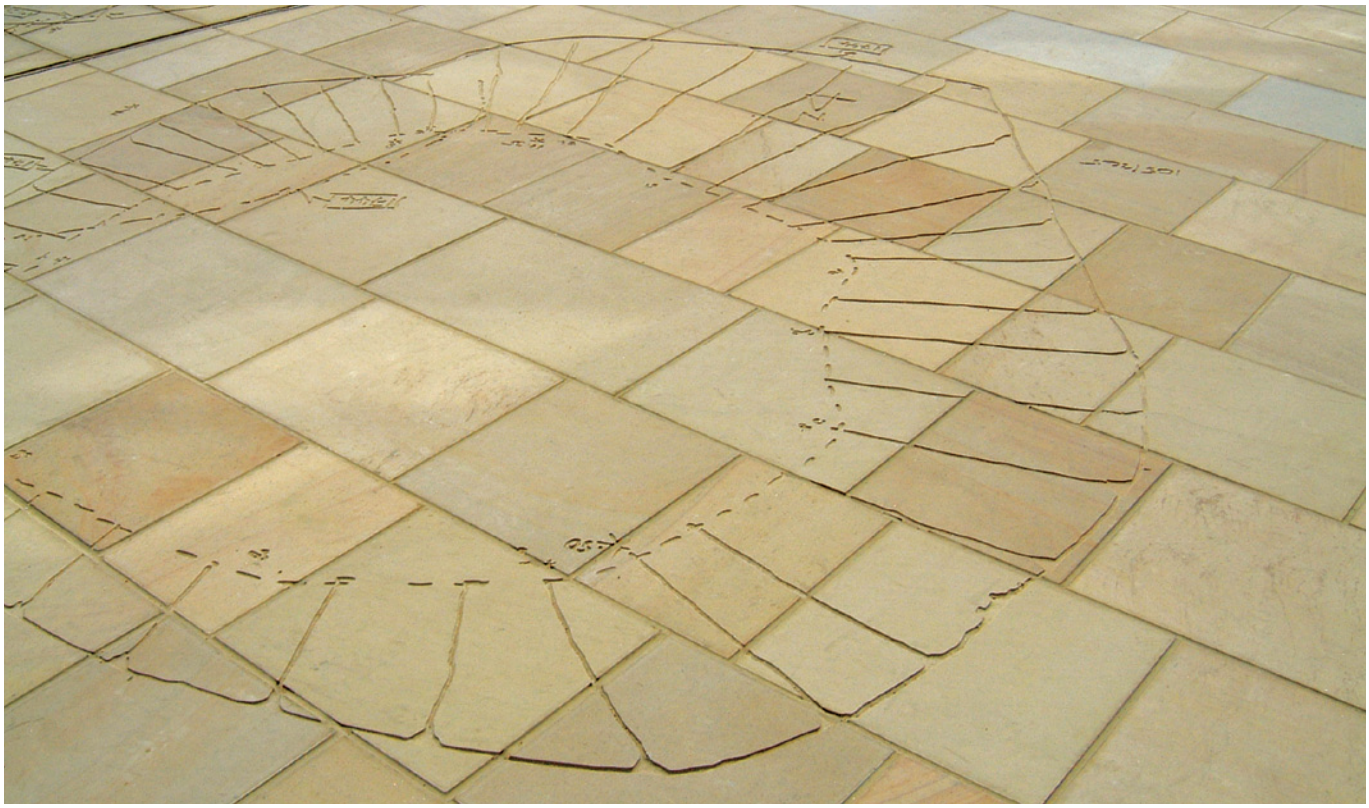
Tread and riser steps, Watford



Mooring bollard, Stonehaven



Inlaid stainless steel lettering, Crewe



Shotblasted engraving, Canterbury

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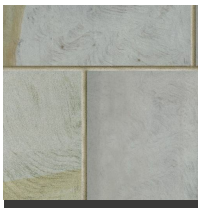
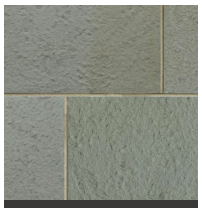
Scoutmoor Yorkstone

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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Scoutmoor Yorkstone

Date Created: 07/02/19

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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Scoutmoor Yorkstone

Date Created: 07/02/19

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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Scoutmoor Yorkstone

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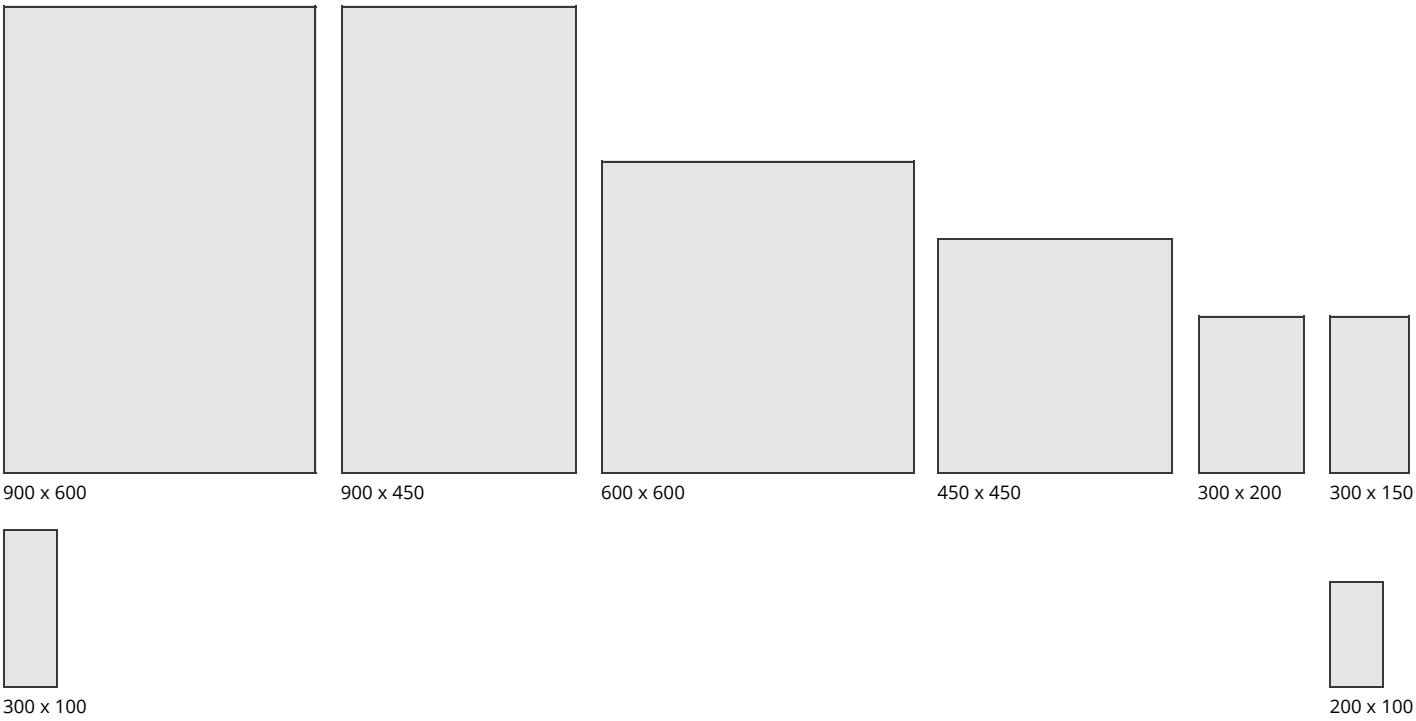
Suggested Plan Sizes



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

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