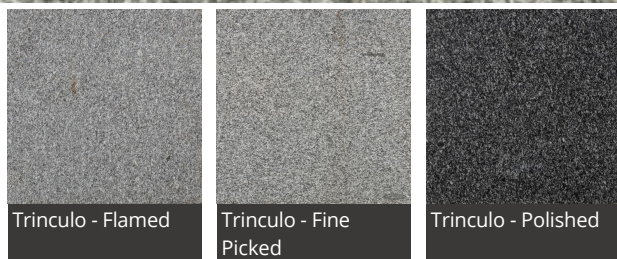
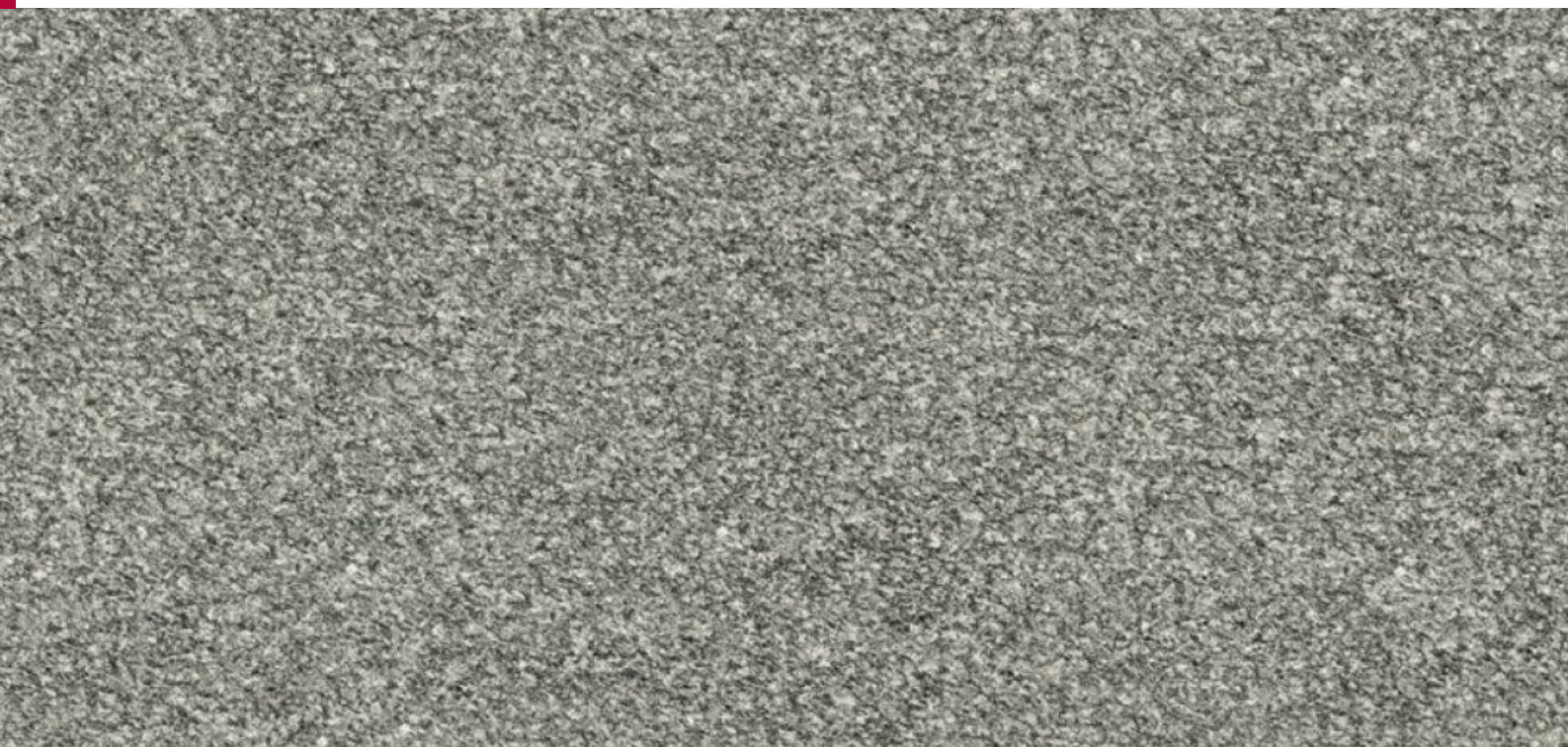


Trinculo Granite

Date Created: 26/07/19



*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.

Traditionally tough and durable, granite can be fashioned into a wide range of landscape products and provide a contemporary aesthetic.

Marshall's Trinculo Granite is suitable for both pedestrian and vehicular trafficked areas. An attractive grey white stone, it is available in flamed, fine picked and polished finishes.

Use Trinculo Granite for all product areas from paving and setts to water management solutions, street furniture or other bespoke specialised masonry items such as veneers for planters or furniture.

It's produced to ISO9001 quality assurance standards and all Marshall's Granites are fully tested to the appropriate standards in the UK as well as being CE marked in accordance with the latest legislation.

DESCRIPTION

Appearance	Black and white with smaller grey inclusions
Manufacturing Process	Sawn
Geological Type	Granite (Gneiss)
Quarry of Origin	Shandong Province, China
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	Grey greenish coarse grained Granite (Gneiss)
CE Marking/DOP	https://www.marshalls.co.uk/dop

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PHYSICAL PROPERTIES

Work Dimensions (mm)	450 x 450 x 50 450 x 450 x 60 450 x 450 x 70 900 x 450 x 50 900 x 450 x 60 900 x 450 x 70 600 x 600 x 50 600 x 600 x 60 600 x 600 x 70 900 x 600 x 50 900 x 600 x 60 900 x 600 x 70 200 x 100 x 50 200 x 100 x 60 200 x 100 x 70 300 x 100 x 50 300 x 100 x 60 300 x 100 x 70 300 x 150 x 50 300 x 150 x 60 300 x 150 x 70 300 x 200 x 50 300 x 200 x 60 300 x 200 x 70
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)	13mm (Mean value to EN 14157 : 2004 (Hev = 13.8mm))
Durability (Freeze-thaw)	18.1/16.7 MPa (Mean values to EN 12371 : 2006)
Material Density	2759 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.49% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	202 MPa (Mean value to EN 1926 : 2006 (Lev = 193 MPa))
Water Absorption (%)	0.16% (Mean value to EN 13755 : 2008 (Hev = 0.17%))
Transverse/FlexuralSplit/Breaking	16.7 MPa (Mean value to EN 12372 : 2006 (Lev = 14.5 MPa))

TEXTURE SPECIFIC PROPERTIES

MANUFACTURING

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

ERI Score	Our Score: 1.4 Cluster Score: 1.1
Carbon Footprint	
Trinculo Granite Paving 300 x RL x 50	96 kg CO2 m ²
Trinculo Granite Paving 300 x RL x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 300 x RL x 75	115.2 kg CO2 m ²
Trinculo Granite Paving 450 x 450 x 50	96 kg CO2 m ²
Trinculo Granite Paving 450 x 450 x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 450 x 450 x 75	115.2 kg CO2 m ²
Trinculo Granite Paving 450 x 900 x 50	96 kg CO2 m ²
Trinculo Granite Paving 450 x 900 x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 450 x 900 x 75	115.2 kg CO2 m ²
Trinculo Granite Paving 450 x RL x 50	96 kg CO2 m ²
Trinculo Granite Paving 450 x RL x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 450 x RL x 75	115.2 kg CO2 m ²
Trinculo Granite Paving 600 x 600 x 50	96 kg CO2 m ²
Trinculo Granite Paving 600 x 600 x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 600 x 600 x 75	115.2 kg CO2 m ²
Trinculo Granite Paving 600 x 900 x 50	96 kg CO2 m ²
Trinculo Granite Paving 600 x 900 x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 600 x 900 x 75	115.2 kg CO2 m ²

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	Flamed	Fine Picked	Polished
Light Reflectance Value (LRV)	23.4	35.27	11.08
Surface Roughness (Rz-µm)	59.75	>75	3
Slip Resistance (BS 14231) (Dry)	92	97	66
Slip Resistance (BS 14231) (Wet)	73	71	18

SUSTAINABILITY

Trinculo Granite Paving 600 x RL x 50	96 kg CO2 m ²
Trinculo Granite Paving 600 x RL x 63	134.4 kg CO2 m ²
Trinculo Granite Paving 600 x RL x 75	115.2 kg CO2 m ²
Trinculo Granite Setts 200 x 100 x 50	96 kg CO2 m ²
Trinculo Granite Setts 200 x 100 x 63	134.4 kg CO2 m ²
Trinculo Granite Setts 200 x 100 x 75	115.2 kg CO2 m ²
Trinculo Granite Setts 300 x 100 x 50	96 kg CO2 m ²
Trinculo Granite Setts 300 x 100 x 63	134.4 kg CO2 m ²
Trinculo Granite Setts 300 x 100 x 75	115.2 kg CO2 m ²
Trinculo Granite Setts 300 x 150 x 50	96 kg CO2 m ²
Trinculo Granite Setts 300 x 150 x 63	134.4 kg CO2 m ²
Trinculo Granite Setts 300 x 150 x 75	115.2 kg CO2 m ²
Trinculo Granite Setts 300 x 200 x 50	96 kg CO2 m ²
Trinculo Granite Setts 300 x 200 x 63	134.4 kg CO2 m ²
Trinculo Granite Setts 300 x 200 x 75	115.2 kg CO2 m ²

FURTHER INFORMATION

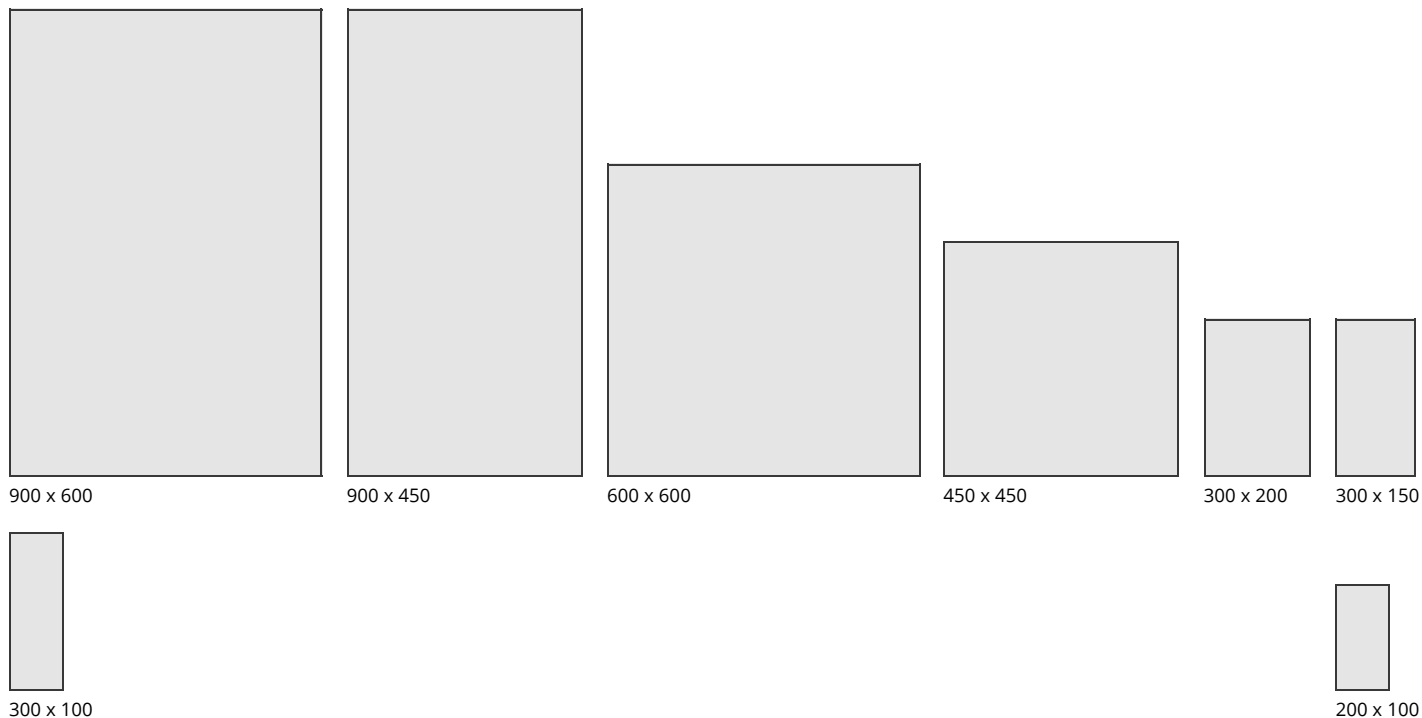
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Suggested Plan Sizes



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