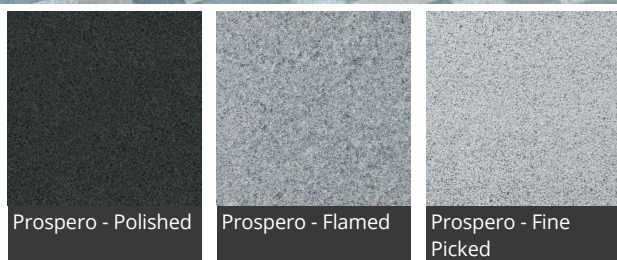


Prospero Granite

Date Created: 07/02/19



*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.

Prospero Granite is a durable, hard-wearing medium grey stone. Like all Marshall's granites, it features sawn sides and is available in flamed, fine-picked and polished finishes.

It is available for all product areas such as paving, setts, kerbs, tactile, steps, water management, street furniture or other bespoke specialised masonry items such as veneers for planters or furniture.

Prospero flame textured or fine picked granite is suitable for both pedestrian or vehicular trafficked areas. Its darker polished version can complement any public space as street furniture, copings and masonry elements.

All Marshall's Granites are fully tested to the appropriate standards in the UK and are all CE marked in accordance with the latest legislation. Granites are generally hard-wearing, strong and durable landscaping materials.

DESCRIPTION

Appearance	Grey with fine black and white inclusions
Manufacturing Process	Sawn
Geological Type	Diorite / Granodiorite
Quarry of Origin	Fujian 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	Medium to coarse grained pale grey blueish Diorite/Granodiorite
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)	13.2mm (Mean value to EN 14157 : 2004 (Hev =13.8mm))
Durability (Freeze-thaw)	20.2/19.7 MPa (Mean values to EN 12371 : 2006)
Material Density	2779 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.50% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	308 Mpa (Mean value to EN 1926 : 2006 (Lev =117Mpa))
Water Absorption (%)	0.16% (Mean value to EN 13755 : 2008 (Hev =0.26%))
Transverse/FlexuralSplit/Breaking	27 Mpa (Mean value to EN 12372 : 2006 (Lev =24 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: 2.2 Cluster Score: 0.9
Carbon Footprint (KgCO ₂ each)	
Prospero Granite Paving 300 x RL x 50	96 kg CO ₂ m ²
Prospero Granite Paving 300 x RL x 63	115.2 kg CO ₂ m ²
Prospero Granite Paving 300 x RL x 75	134.4 kg CO ₂ m ²
Prospero Granite Paving 450 x 450 x 50	96 kg CO ₂ m ²
Prospero Granite Paving 450 x 450 x 63	115.2 kg CO ₂ m ²
Prospero Granite Paving 450 x 450 x 75	134.4 kg CO ₂ m ²
Prospero Granite Paving 450 x 900 x 50	96 kg CO ₂ m ²
Prospero Granite Paving 450 x 900 x 63	115.2 kg CO ₂ m ²
Prospero Granite Paving 450 x 900 x 75	134.4 kg CO ₂ m ²
Prospero Granite Paving 450 x RL x 50	96 kg CO ₂ m ²
Prospero Granite Paving 450 x RL x 63	115.2 kg CO ₂ m ²
Prospero Granite Paving 450 x RL x 75	134.4 kg CO ₂ m ²
Prospero Granite Paving 600 x 600 x 50	96 kg CO ₂ m ²
Prospero Granite Paving 600 x 600 x 63	115.2 kg CO ₂ m ²
Prospero Granite Paving 600 x 600 x 75	134.4 kg CO ₂ m ²
Prospero Granite Paving 600 x 900 x 50	96 kg CO ₂ m ²
Prospero Granite Paving 600 x 900 x 63	115.2 kg CO ₂ m ²
Prospero Granite Paving 600 x 900 x 75	134.4 kg CO ₂ m ²

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	Polished	Flamed	Fine Picked
Light Reflectance Value (LRV)	10.47	24.99	34.49
Surface Roughness (Rz-µm)	6	45	>75
Slip Resistance (BS 14231) (Dry)	64	97	94
Slip Resistance (BS 14231) (Wet)	20	63	74

SUSTAINABILITY

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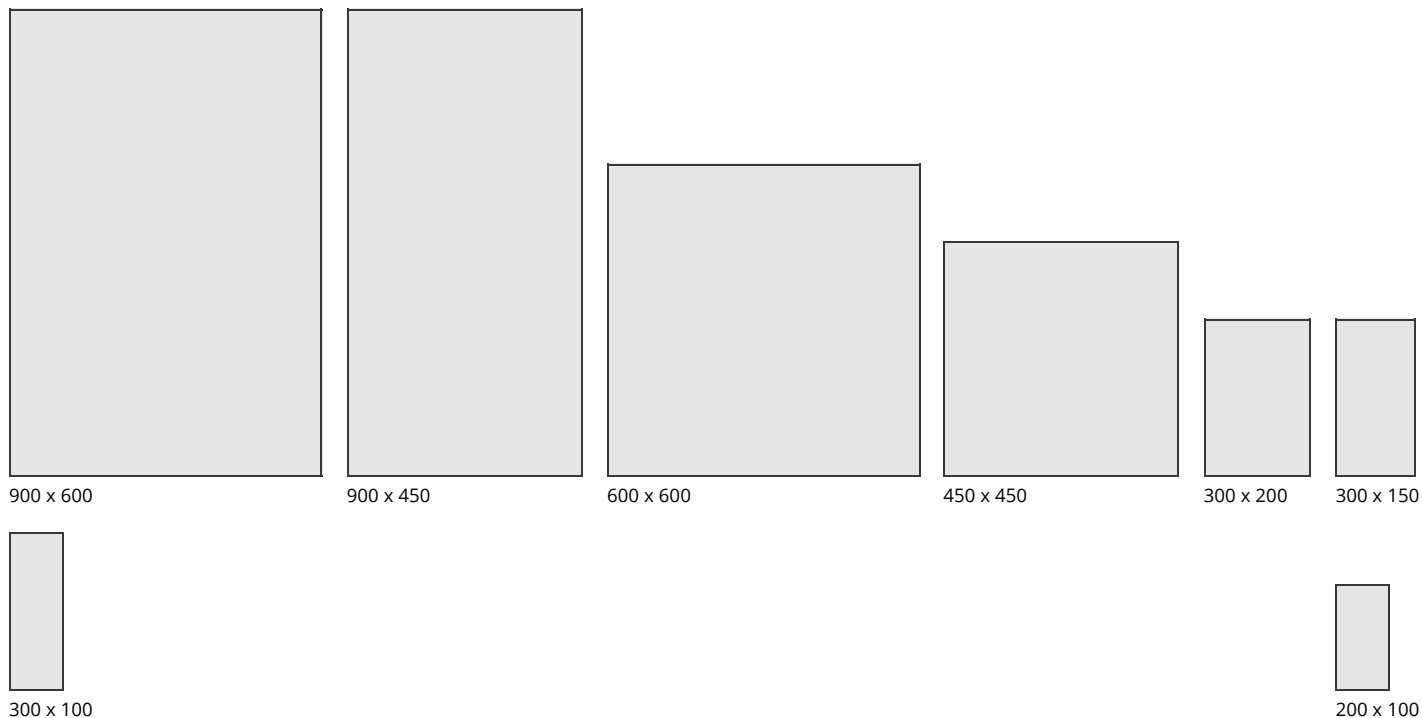
FURTHER INFORMATION

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.