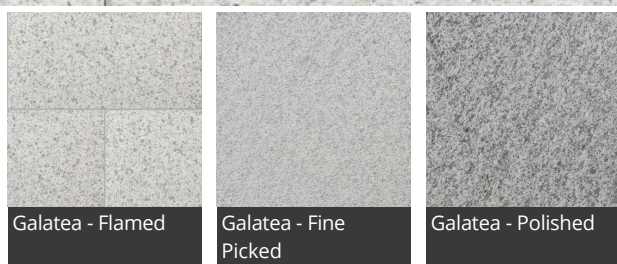


Galatea Granite

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.

One of the lightest colours in the Marshalls range of granites, Galatea brings an elegant aesthetic to landscape schemes.

A very light silver grey stone, Galatea isn't just attractive, it's also tough and durable. Suitable for both pedestrian and vehicular trafficked areas, it's 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.

Produced to ISO9001 quality assurance standards, Galatea is available in a choice of flamed, fine picked and polished finishes to suit various applications.

All Marshalls 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 and can be used across a wide range of projects.

DESCRIPTION

Appearance	White with some grey and black inclusions
Manufacturing Process	Sawn
Geological Type	Granite
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	White to very pale grey/brownish coarse grained granite
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)	16mm (Mean value to EN 14157 : 2004 (Hev = 16.9mm))
Durability (Freeze-thaw)	12.8/12.9 Mpa (Mean values to EN 12371 : 2006)
Material Density	2610 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.9% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	214 MPa (Mean value to EN 1926 : 2006 (Lev = 180 MPa))
Water Absorption (%)	0.33% (Mean value to EN 13755 : 2008 (Hev = 0.3%))
Transverse/FlexuralSplit/Breaking	12.8 MPa (Mean value to EN 12372 : 2006 (Lev = 10.9 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	
Galatea Granite Paving 300 x RL x 50	96 kg CO2 m ²
Galatea Granite Paving 300 x RL x 63	134.4 kg CO2 m ²
Galatea Granite Paving 300 x RL x 75	115.2 kg CO2 m ²
Galatea Granite Paving 450 x 450 x 50	96 kg CO2 m ²
Galatea Granite Paving 450 x 450 x 63	134.4 kg CO2 m ²
Galatea Granite Paving 450 x 450 x 75	115.2 kg CO2 m ²
Galatea Granite Paving 450 x 900 x 50	96 kg CO2 m ²
Galatea Granite Paving 450 x 900 x 63	134.4 kg CO2 m ²
Galatea Granite Paving 450 x 900 x 75	115.2 kg CO2 m ²
Galatea Granite Paving 450 x RL x 50	96 kg CO2 m ²
Galatea Granite Paving 450 x RL x 63	134.4 kg CO2 m ²
Galatea Granite Paving 450 x RL x 75	115.2 kg CO2 m ²
Galatea Granite Paving 600 x 600 x 50	96 kg CO2 m ²
Galatea Granite Paving 600 x 600 x 63	134.4 kg CO2 m ²
Galatea Granite Paving 600 x 600 x 75	115.2 kg CO2 m ²
Galatea Granite Paving 600 x 900 x 50	96 kg CO2 m ²
Galatea Granite Paving 600 x 900 x 63	134.4 kg CO2 m ²
Galatea 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)	40.02	55.86	45.76
Surface Roughness (Rz-µm)	25	>75	4
Slip Resistance (BS 14231) (Dry)	90	97	80
Slip Resistance (BS 14231) (Wet)	66	73	17

SUSTAINABILITY

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

FURTHER INFORMATION

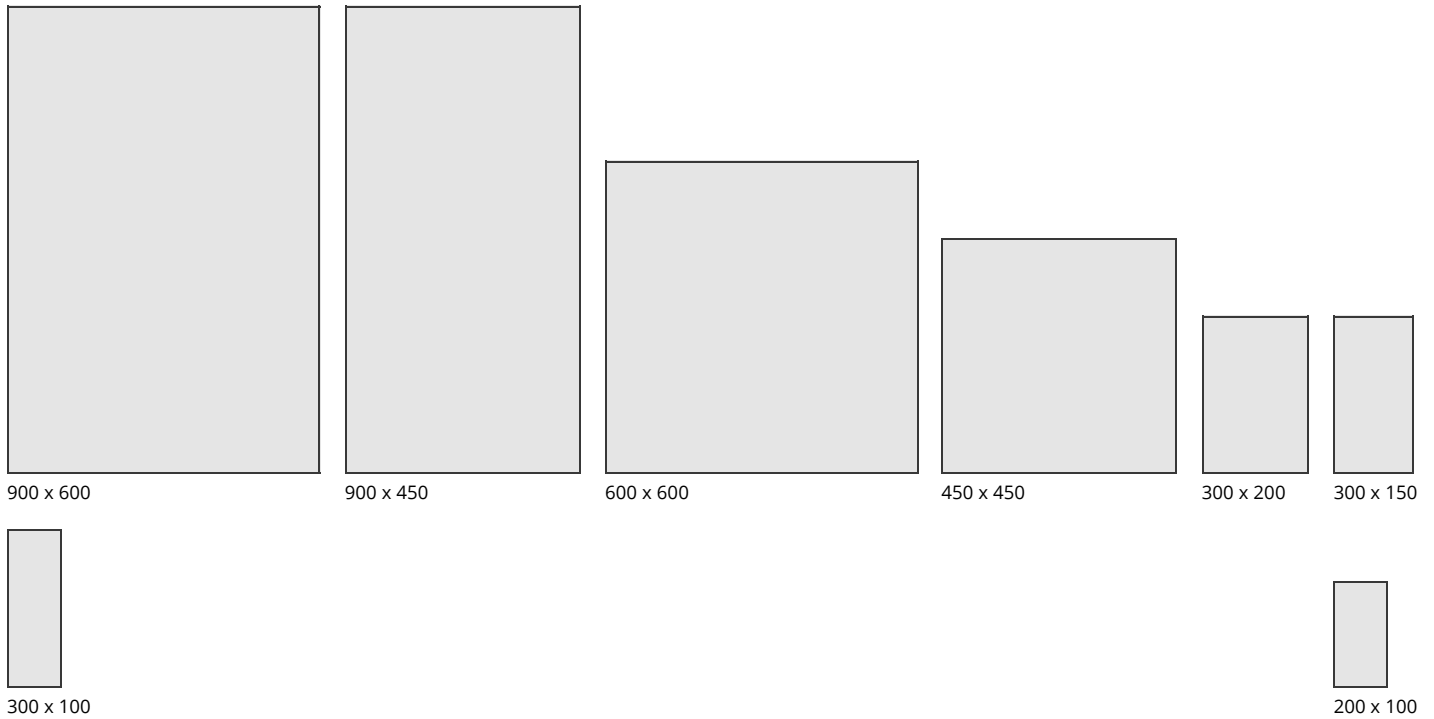
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Suggested Plan Sizes



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

