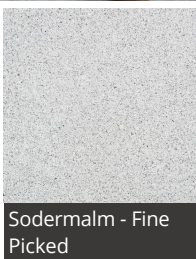


Sodermalm Granite

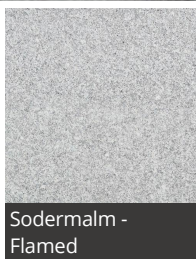
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Sodermalm -
Polished



Sodermalm - Fine
Picked



Sodermalm -
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.

Available in several finishes to best suit its application, Sodermalm Granite is suitable for pedestrian and vehicular trafficked areas. A silver grey stone, it is available in fine picked, flamed and polished finishes.

Granite is a strong, durable material that is ideal for creating a contemporary aesthetic. Sodermalm Granite 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.

Like all granites in our product range, Sodermalm Granite is produced to ISO9001 quality assurance standards, and fully tested to appropriate standards in the UK. All our granites are CE marked in accordance with the latest legislation.

DESCRIPTION

Appearance	White grey with black inclusions
Manufacturing Process	Sawn
Geological Type	Diorite
Quarry of Origin	Binh Dinh Province, Vietnam
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	Green grey fresh grained coarse grained Diorite
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)	16.5 mm Mean value to EN 14157 : 2004 (Hev = 17.4mm)
Durability (Freeze-thaw)	24.2/22.4 MPa (Mean values to EN 12371 : 2006)
Material Density	2886 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.47% Mean value to EN 1936 : 2006
Compressive Strength (MPa)	266 MPa Mean value to EN 1926 : 2006 (Lev = 222 MPa)
Water Absorption (%)	0.18% Mean value to EN 13755 : 2008 (Hev = 0.23%)
Transverse/FlexuralSplit/Breaking	22.8 MPa Mean value to EN 12372 : 2006 (Lev = 18.2 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: 3.8 Cluster Score: 2.1
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Carbon Footprint

Sodermalm Granite Paving 300 x RL x 50	94.5 kg CO2 m ²
Sodermalm Granite Paving 300 x RL x 63	113.4 kg CO2 m ²
Sodermalm Granite Paving 300 x RL x 75	132.3 kg CO2 m ²
Sodermalm Granite Paving 450 x 450 x 50	94.5 kg CO2 m ²
Sodermalm Granite Paving 450 x 450 x 63	113.4 kg CO2 m ²
Sodermalm Granite Paving 450 x 450 x 75	132.3 kg CO2 m ²
Sodermalm Granite Paving 450 x 900 x 50	94.5 kg CO2 m ²
Sodermalm Granite Paving 450 x 900 x 63	113.4 kg CO2 m ²
Sodermalm Granite Paving 450 x 900 x 75	132.3 kg CO2 m ²
Sodermalm Granite Paving 450 x RL x 50	94.5 kg CO2 m ²
Sodermalm Granite Paving 450 x RL x 63	113.4 kg CO2 m ²
Sodermalm Granite Paving 450 x RL x 75	132.3 kg CO2 m ²
Sodermalm Granite Paving 600 x 600 x 50	94.5 kg CO2 m ²
Sodermalm Granite Paving 600 x 600 x 63	113.4 kg CO2 m ²
Sodermalm Granite Paving 600 x 600 x 75	132.3 kg CO2 m ²
Sodermalm Granite Paving 600 x 900 x 50	94.5 kg CO2 m ²
Sodermalm Granite Paving 600 x 900 x 63	113.4 kg CO2 m ²
Sodermalm Granite Paving 600 x 900 x 75	132.3 kg CO2 m ²

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	Polished	Fine Picked	Flamed
Light Reflectance Value (LRV)	23.78	46.02	33.28
Surface Roughness (Rz-µm)	2	>75	48.5
Slip Resistance (BS 14231) (Dry)	62	96	88
Slip Resistance (BS 14231) (Wet)	20	82	62

SUSTAINABILITY

Sodermalm Granite Paving 600 x RL x 50	94.5 kg CO2 m²
Sodermalm Granite Paving 600 x RL x 63	113.4 kg CO2 m²
Sodermalm Granite Paving 600 x RL x 75	132.3 kg CO2 m²
Sodermalm Granite Setts 200 x 100 x 50	94.5 kg CO2 m²
Sodermalm Granite Setts 200 x 100 x 63	113.4 kg CO2 m²
Sodermalm Granite Setts 200 x 100 x 75	132.3 kg CO2 m²
Sodermalm Granite Setts 300 x 100 x 50	94.5 kg CO2 m²
Sodermalm Granite Setts 300 x 100 x 63	113.4 kg CO2 m²
Sodermalm Granite Setts 300 x 100 x 75	132.3 kg CO2 m²
Sodermalm Granite Setts 300 x 150 x 50	94.5 kg CO2 m²
Sodermalm Granite Setts 300 x 150 x 63	113.4 kg CO2 m²
Sodermalm Granite Setts 300 x 150 x 75	132.3 kg CO2 m²
Sodermalm Granite Setts 300 x 200 x 50	94.5 kg CO2 m²
Sodermalm Granite Setts 300 x 200 x 63	113.4 kg CO2 m²
Sodermalm Granite Setts 300 x 200 x 75	132.3 kg CO2 m²

FURTHER INFORMATION

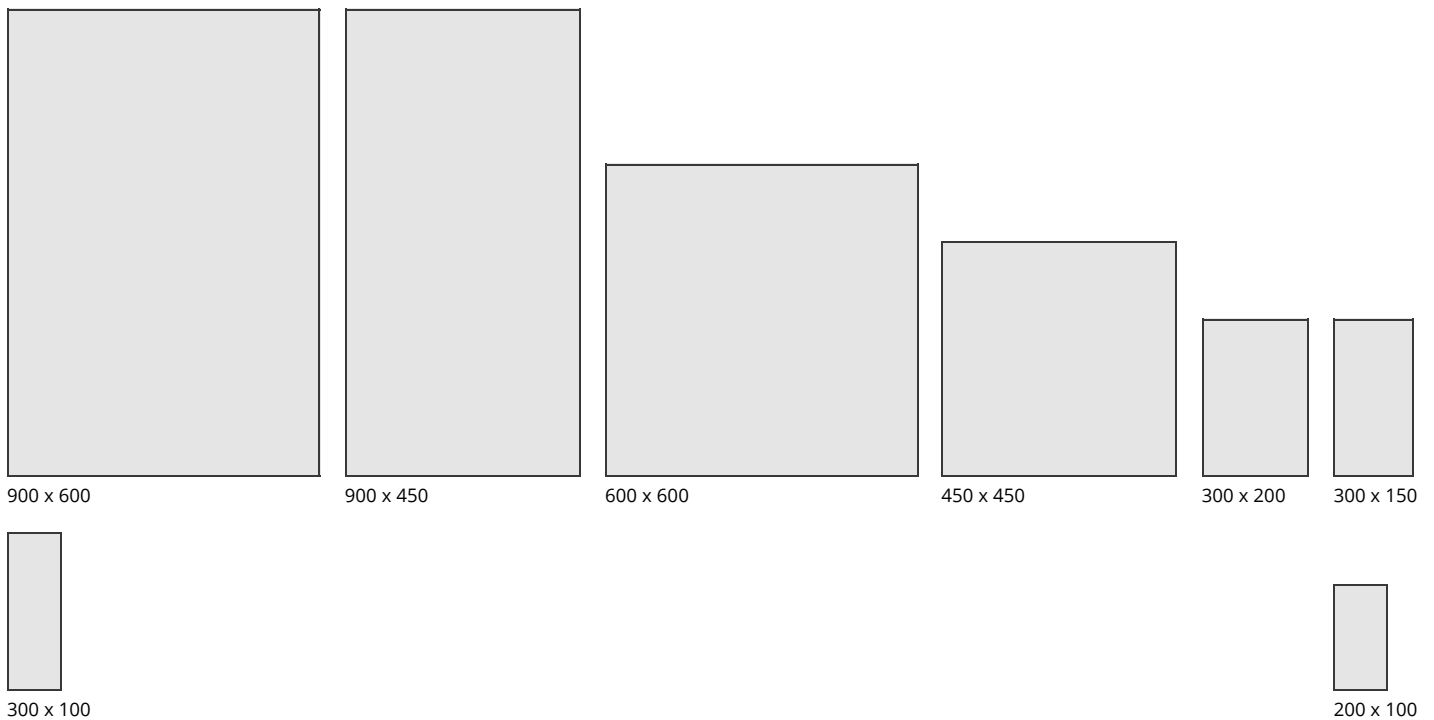
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Sodermalm Granite

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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.