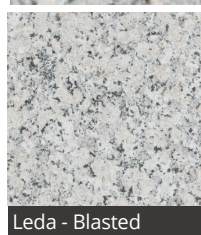
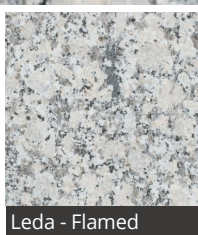


Leda Granite

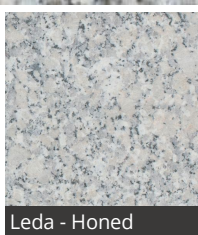
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Leda - Blasted



Leda - Flamed



Leda - Honed

*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.

Leda Granite from Marshall's utilises the hard-wearing properties of natural granite to deliver both aesthetic value and durability.

Available in three finishes, Leda Granite is a light grey stone that can be used in a wide range of applications and different projects. Blasted and flamed finishes are perfect for paved surfaces in both pedestrian and vehicular trafficked areas due to their non-slip properties and granite's traditional strength and hard-wearing nature. For non-trafficked areas, the honed finish is ideally suited to masonry, copings and street furniture.

Leda Granite is also available for setts, kerbs, tactile, steps, water management, or other bespoke specialised masonry items such as veneers for planters or furniture.

All of Marshall's granites are tested to appropriate standards in the UK and are all CE marked in accordance with the latest legislation.

DESCRIPTION

Appearance	Pink and grey Granite with small black and white inclusions
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Viana do Castelo, Portugal
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 pink to grey coarse to very 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)	17.5mm (Mean value to EN 14157 : 2004 (Hev = 18.5mm))
Durability (Freeze-thaw)	14.2/14 MPa (Mean values to EN 12371 : 2006)
Material Density	2637 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.94% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	205 MPa (Mean value to EN 1926 : 2006 (Lev = 183 MPa))
Water Absorption (%)	0.31% (Mean value to EN 13755 : 2008 (Hev = 0.34%))
Transverse/FlexuralSplit/Breaking	14.2 MPa (Mean value to EN 12372 : 2006 (Lev = 12.81 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: 4.2 Cluster Score: 3.6
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Carbon Footprint

Leda Granite Paving 300 x RL x 50	81.5 kg CO2 m ²
Leda Granite Paving 300 x RL x 63	114.1 kg CO2 m ²
Leda Granite Paving 300 x RL x 75	97.8 kg CO2 m ²
Leda Granite Paving 450 x 450 x 50	81.5 kg CO2 m ²
Leda Granite Paving 450 x 450 x 63	114.1 kg CO2 m ²
Leda Granite Paving 450 x 450 x 75	97.8 kg CO2 m ²
Leda Granite Paving 450 x 900 x 50	81.5 kg CO2 m ²
Leda Granite Paving 450 x 900 x 63	114.1 kg CO2 m ²
Leda Granite Paving 450 x 900 x 75	97.8 kg CO2 m ²
Leda Granite Paving 450 x RL x 50	81.5 kg CO2 m ²
Leda Granite Paving 450 x RL x 63	114.1 kg CO2 m ²
Leda Granite Paving 450 x RL x 75	97.8 kg CO2 m ²
Leda Granite Paving 600 x 600 x 50	81.5 kg CO2 m ²
Leda Granite Paving 600 x 600 x 63	114.1 kg CO2 m ²
Leda Granite Paving 600 x 600 x 75	97.8 kg CO2 m ²
Leda Granite Paving 600 x 900 x 50	81.5 kg CO2 m ²
Leda Granite Paving 600 x 900 x 63	114.1 kg CO2 m ²
Leda Granite Paving 600 x 900 x 75	97.8 kg CO2 m ²

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	Blasted	Flamed	Honed
Light Reflectance Value (LRV)	42.81	42.78	37.88
Surface Roughness (Rz-µm)	>75	29	14
Slip Resistance (BS 14231) (Dry)	94	85	66
Slip Resistance (BS 14231) (Wet)	75	62	51

SUSTAINABILITY

Leda Granite Paving 600 x RL x 50	81.5 kg CO2 m²
Leda Granite Paving 600 x RL x 63	114.1 kg CO2 m²
Leda Granite Paving 600 x RL x 75	97.8 kg CO2 m²
Leda Granite Setts 200 x 100 x 50	81.5 kg CO2 m²
Leda Granite Setts 200 x 100 x 63	114.1 kg CO2 m²
Leda Granite Setts 200 x 100 x 75	97.8 kg CO2 m²
Leda Granite Setts 300 x 100 x 50	81.5 kg CO2 m²
Leda Granite Setts 300 x 100 x 63	114.1 kg CO2 m²
Leda Granite Setts 300 x 100 x 75	97.8 kg CO2 m²
Leda Granite Setts 300 x 150 x 50	81.5 kg CO2 m²
Leda Granite Setts 300 x 150 x 63	114.1 kg CO2 m²
Leda Granite Setts 300 x 150 x 75	97.8 kg CO2 m²
Leda Granite Setts 300 x 200 x 50	81.5 kg CO2 m²
Leda Granite Setts 300 x 200 x 63	114.1 kg CO2 m²
Leda Granite Setts 300 x 200 x 75	97.8 kg CO2 m²

FURTHER INFORMATION

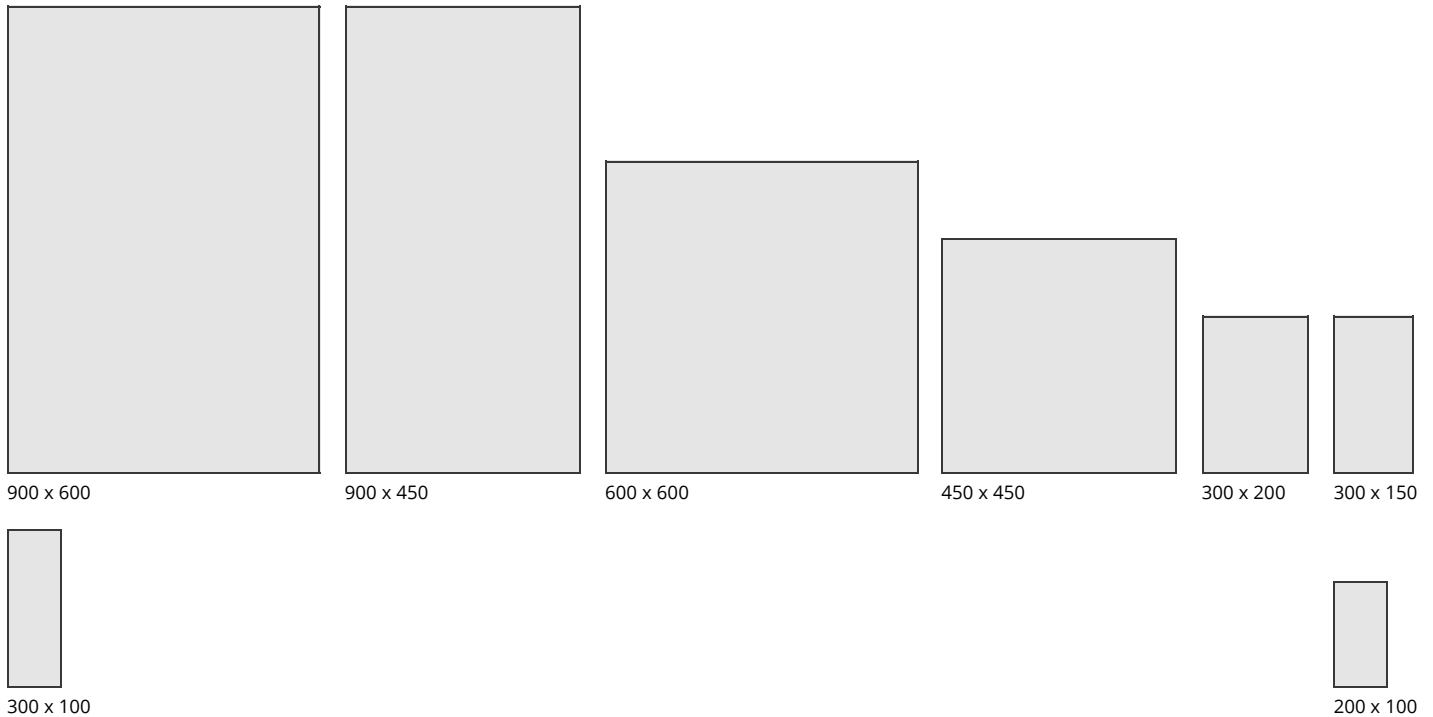
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Leda Granite

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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.