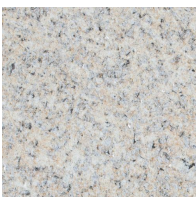
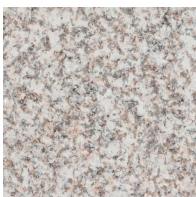


Neso Granite

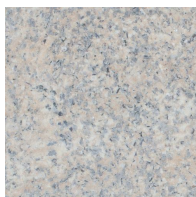
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Neso - Blasted



Neso - Flamed



Neso - 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.

Neso Granite is a strong, hard-wearing and durable stone, suitable for both pedestrian and trafficked spaces.

This buff granite is available in blasted, flamed or honed finishes depending on the slip resistance and aesthetic needs of the project.

A versatile stone, it can be used for products including paving, setts, kerbs and steps, water management and street furniture. Specialised and bespoke masonry items may be available on request.

Produced to ISO9001 quality assurance standards, Marshall's Neso Granite is CE marked in accordance with the latest legislation.

DESCRIPTION

Appearance	Light beige with Grey Black and Orange inclusions
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Villa Real, 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	White and pale grey with yellow to orange spots coarse 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 = 18.2mm))
Durability (Freeze-thaw)	11.4/10.3 MPa (Mean values to EN 12371 : 2006)
Material Density	2634 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.93% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	159 MPa (Mean value to EN 1926 : 2006 (Lev = 138 MPa))
Water Absorption (%)	0.34% (Mean value to EN 13755 : 2008 (Hev = 0.40%))
Transverse/FlexuralSplit/Breaking	15.7 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: 4.2 Cluster Score: 3.6
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Carbon Footprint

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

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	Blasted	Flamed	Honed
Light Reflectance Value (LRV)	48.67	48.43	41.84
Surface Roughness (Rz-µm)	>75	34	32
Slip Resistance (BS 14231) (Dry)	98	94	72
Slip Resistance (BS 14231) (Wet)	72	72	52

SUSTAINABILITY

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

FURTHER INFORMATION

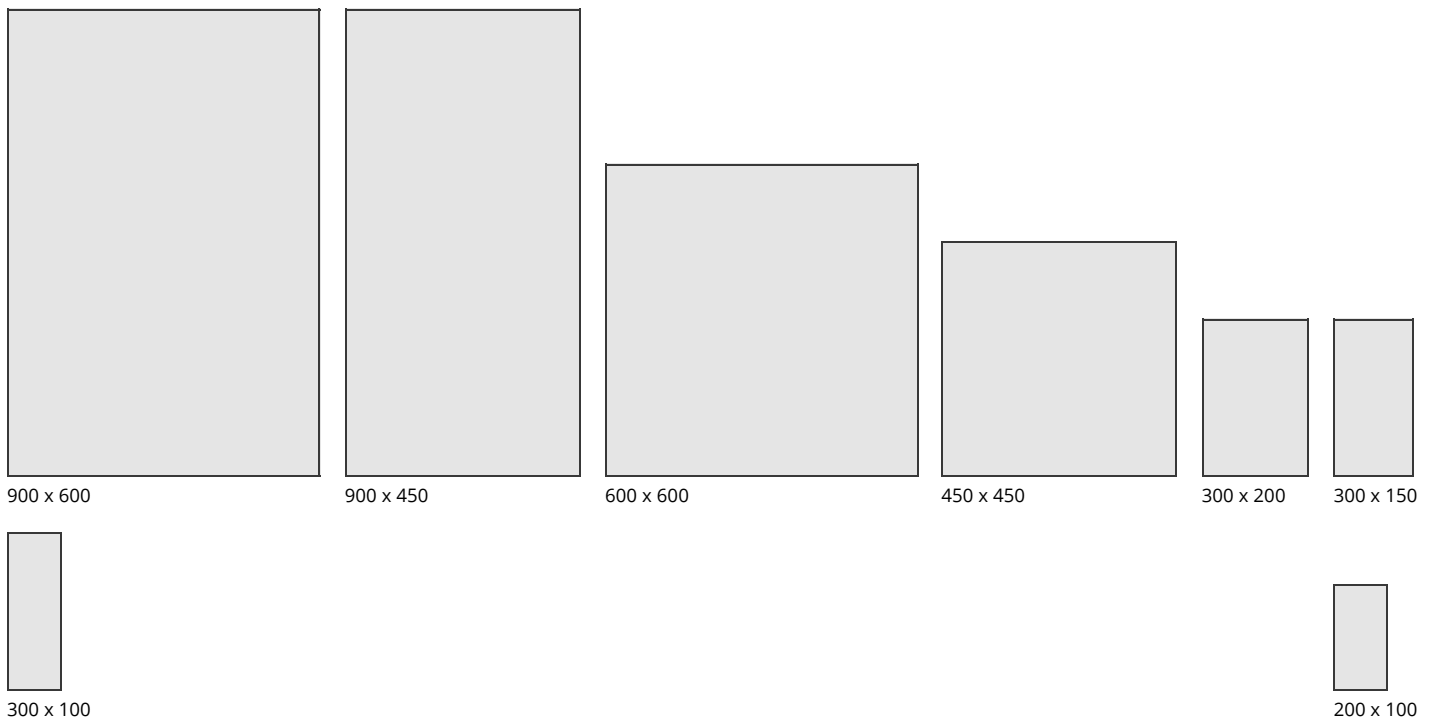
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Neso Granite

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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.