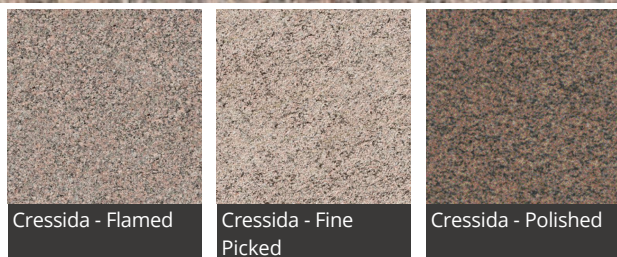


Cressida Granite

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.

Cressida granite is suitable for both pedestrian and vehicular trafficked areas. A mottled pink and black stone, it is available in flame textured, fine picked and polished finishes and across all product areas such as paving, setts, kerbs, tactile, steps, water management, street furniture or other bespoke specialised masonry items.

Granite is a tough durable material which can be fashioned into a wide range of Landscape products and provides a very modern aesthetic.

Marshall's supplies a comprehensive range of granites, all produced to ISO9001 quality assurance standards and CE marked. Beyond the standard products, you can also contact us to order bespoke items made to your specifications.

DESCRIPTION	
Appearance	Red and grey granite
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	Pink red and grey 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)	14.5mm (Mean value to EN 14157 : 2004 (Hev = 15.8mm))
Durability (Freeze-thaw)	17.2/15.2 MPa (Mean values to EN 12371 : 2006)
Material Density	2642 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.5% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	214 MPa (Mean value to EN 1926 : 2006 (Lev = 179 MPa))
Water Absorption (%)	0.15% (Mean value to EN 13755 : 2008 (Hev = 0.2%))
Transverse/FlexuralSplit/Breaking	17.2 MPa (Mean value to EN 12372 : 2006 (Lev = 13.3 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 Cluster Score: 0.7
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Carbon Footprint

Cressida Granite Paving 300 x RL x 50	96 kg CO2 m ²
Cressida Granite Paving 300 x RL x 63	134.4 kg CO2 m ²
Cressida Granite Paving 300 x RL x 75	115.2 kg CO2 m ²
Cressida Granite Paving 450 x 450 x 50	96 kg CO2 m ²
Cressida Granite Paving 450 x 450 x 63	134.4 kg CO2 m ²
Cressida Granite Paving 450 x 450 x 75	115.2 kg CO2 m ²
Cressida Granite Paving 450 x 900 x 50	96 kg CO2 m ²
Cressida Granite Paving 450 x 900 x 63	134.4 kg CO2 m ²
Cressida Granite Paving 450 x 900 x 75	115.2 kg CO2 m ²
Cressida Granite Paving 450 x RL x 50	96 kg CO2 m ²
Cressida Granite Paving 450 x RL x 63	134.4 kg CO2 m ²
Cressida Granite Paving 450 x RL x 75	115.2 kg CO2 m ²
Cressida Granite Paving 600 x 600 x 50	96 kg CO2 m ²
Cressida Granite Paving 600 x 600 x 63	134.4 kg CO2 m ²
Cressida Granite Paving 600 x 600 x 75	115.2 kg CO2 m ²
Cressida Granite Paving 600 x 900 x 50	96 kg CO2 m ²
Cressida Granite Paving 600 x 900 x 63	134.4 kg CO2 m ²
Cressida 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)	30.5	36.89	13.95
Surface Roughness (Rz-µm)	50.2	>75	2
Slip Resistance (BS 14231) (Dry)	94	90	65
Slip Resistance (BS 14231) (Wet)	71	75	16

SUSTAINABILITY

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

FURTHER INFORMATION

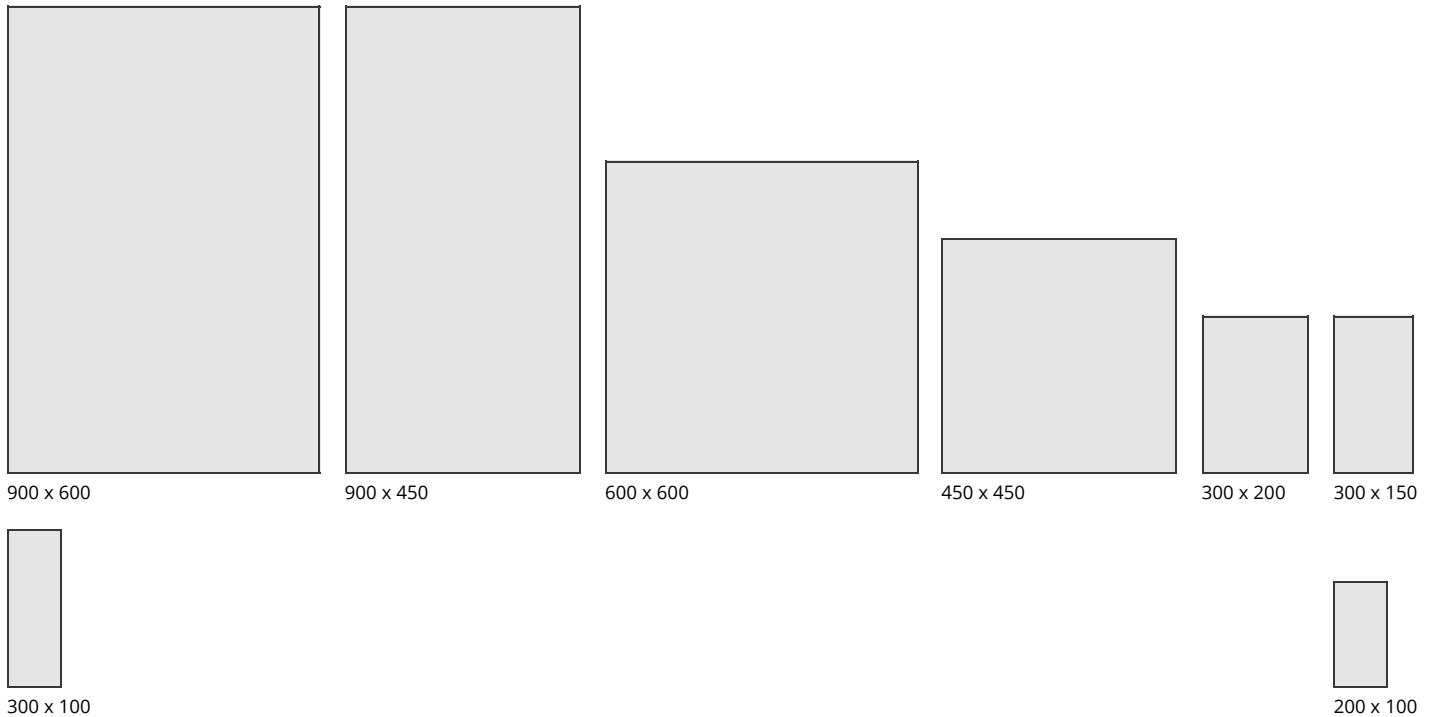
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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Suggested Plan Sizes



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