

# Perdita Granite

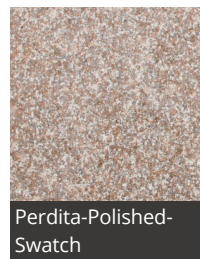
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Perdita-Flamed-Swatch



Perdita-Fine-Picked-Swatch



Perdita-Polished-Swatch

\*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.

Perdita Granite is an extremely versatile brownish pink stone that can be used for a wide range of products and is strong enough to withstand vehicular traffic and heavy footfall.

Perdita Granite is available in flamed, polished and fine picked finishes depending on the look and slip-resistance required. This hard-wearing stone is available for product areas including paving, setts, tactile, kerbs, steps, water management, bespoke street furniture, masonry and specials.

All Marshalls Granites are fully tested to the appropriate standards in the UK and are all CE marked in accordance with the latest legislation.

## DESCRIPTION

Appearance	Pink and pale 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	Red medium grained with grey/white inclusions
CE Marking/DOP	<a href="https://www.marshalls.co.uk/dop">https://www.marshalls.co.uk/dop</a>



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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)	18.3mm (Mean value to EN 14157 : 2004 (Hev = 19.2mm))
Durability (Freeze-thaw)	13.8/10.6 MPa (Mean values to EN 12371 : 2006)
Material Density	2596 kg/m <sup>3</sup> (Mean value to EN 1936 : 2006)
Open Porosity (%)	1.17% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	192 MPa (Mean value to EN 1926 : 2006 (Lev = 159 MPa))
Water Absorption (%)	0.42% (Mean value to EN 13755 : 2008 (Hev = 0.44%))
Transverse/FlexuralSplit/Breaking	13.9 MPa (Mean value to EN 12372 : 2006 (Lev = 12.54 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: 1.6 Cluster Score: 0.7
Carbon Footprint (KgCO <sub>2</sub> each)	
Perdita Granite Paving 300 x RL x 50	96 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 300 x RL x 63	115.2 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 300 x RL x 75	134.4 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 450 x 450 x 50	96 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 450 x 450 x 63	115.2 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 450 x 450 x 75	134.4 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 450 x 900 x 50	96 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 450 x 900 x 63	115.2 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 450 x 900 x 75	134.4 kg CO <sub>2</sub> m <sup>2</sup>
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Perdita Granite Paving 450 x RL x 75	134.4 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 600 x 600 x 50	96 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 600 x 600 x 63	115.2 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 600 x 600 x 75	134.4 kg CO <sub>2</sub> m <sup>2</sup>
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Perdita Granite Paving 600 x 900 x 63	115.2 kg CO <sub>2</sub> m <sup>2</sup>
Perdita Granite Paving 600 x 900 x 75	134.4 kg CO <sub>2</sub> m <sup>2</sup>

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	Flamed	Fine Picked	Polished
Light Reflectance Value (LRV)	38.66	36.32	29.42
Surface Roughness (Rz-µm)	38.01	>75	7.99
Slip Resistance (BS 14231) (Dry)	81	87	62
Slip Resistance (BS 14231) (Wet)	58	75	22

## SUSTAINABILITY

Perdita Granite Paving 600 x RL x 50	96 kg CO2 m <sup>2</sup>
Perdita Granite Paving 600 x RL x 63	115.2 kg CO2 m <sup>2</sup>
Perdita Granite Paving 600 x RL x 75	134.4 kg CO2 m <sup>2</sup>
Perdita Granite Setts 200 x 100 x 50	96 kg CO2 m <sup>2</sup>
Perdita Granite Setts 200 x 100 x 63	115.2 kg CO2 m <sup>2</sup>
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## FURTHER INFORMATION

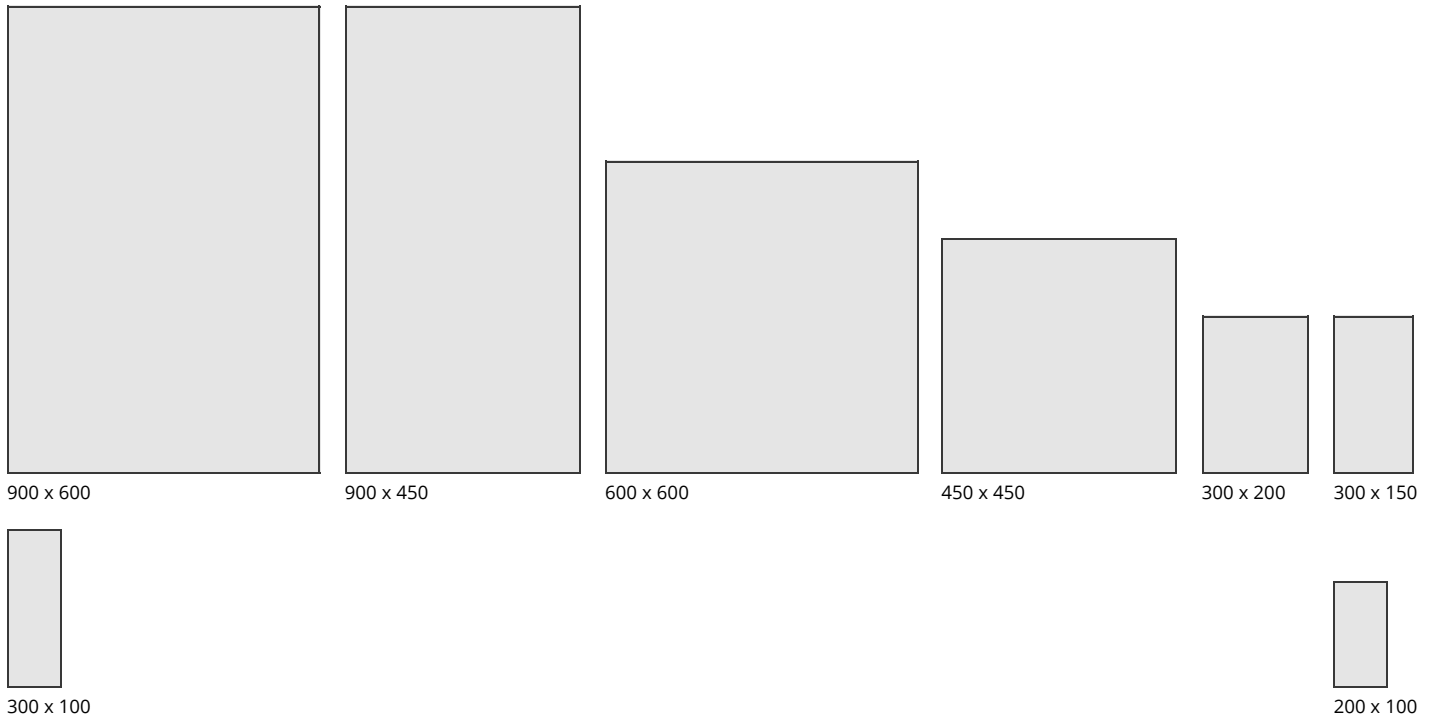
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233
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## Suggested Plan Sizes



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