

## Dorado Granite



\*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.

Marshall's Dorado Granite is a hard-wearing, strong and durable granite suitable for both pedestrian and vehicular trafficked areas. Predominantly light to mid-grey, Dorado Granite is available in 3 finish options – blasted, flamed and polished – to match different applications and their needs, whether they call for a smooth aesthetic or superior non-slip properties. It is available across all product areas including Paving, Setts, Kerbs, Tactile, Steps, Water Management, Bespoke Street furniture, Masonry & Specials – allowing for the creation of unified schemes. All Marshall's granites are fully tested to the appropriate standards in the UK and where relevant UKCA marked in accordance with the latest legislation.

DESCRIPTION	
Appearance	Grey white background with black inclusions
Manufacturing Process	Sawn
Geological Type	Granite
Quarry Location	Corvaceira, 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 grey to greyish white Granite with occasional black fine irregular biotite mica.
UKCA Marking/DOP	<a href="http://www.marshalls.co.uk/declarations">www.marshalls.co.uk/declarations</a>

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### PHYSICAL PROPERTIES

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)	18.78mm (Mean value to EN 14157 : 2004 (Hev = 19.67mm))
Durability (Freeze-thaw)	15.9/14.7 MPa (Mean values to EN 12371 : 2006)
Material Density	2627 kg/m <sup>3</sup> (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.7% (Mean value to EN 1936 : 2006)
Slip Resistance (Dry)	Flamed 79   Polished 59   Blasted 80
Slip Resistance (Wet)	Flamed 76   Polished 36   Blasted 76
Transverse/Flexural Split/Breaking	22.10MPa (Mean value to EN 12372 : 2006 (Lev = 18.91 MPa))
LRV Range	Flamed 45.25   Polished 37.93   Blasted 54.77
Surface Roughness (Rz - µm)	Flamed 48.92   Polished 15.68   Blasted 50.89
Compressive Strength (Mpa)	95.87 MPa (Mean value to EN 1926 : 2006 (Lev = 78.29 MPa))
Water Absorption (%)	0.3% (Mean value to EN 13755 : 2008 (Hev = 0.3%))

### SUPPLY

Packaging	Crated
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### FURTHER INFORMATION

Cleaning & Maintenance	Available on request
Contact Us	For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233

