

## Imperial Red Porphyry



\*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.

A strong red stone, Imperial Red Porphyry is suitable for both pedestrian or vehicular trafficked areas and available in flame textured, fine picked and polished finishes.

It is available for all product areas such as paving, setts, kerbs, tactile, steps, water management, street furniture or other bespoke specialised masonry items such as cladding or planters.

Once used to pave Roman roads throughout Europe, porphyry not only adds a striking aesthetic quality to a range of applications but is renowned for its hard-wearing qualities.

All Marshall's porphyrys are fully tested to the appropriate standards in the UK and where relevant are UKCA marked in accordance with the latest legislation.

DESCRIPTION	
Appearance	Medium to dark red porphyry
Manufacturing Process	Sawn
Geological Type	Porphyry
Quarry Location	Fujian 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	Dark red, compacted porphyritic stone
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)	16mm (Mean value to EN 1341 : 2012 (Hev = 17.5mm))
Material Density	2595 kg/m <sup>3</sup> (Mean value to EN 1936 : 2006)
Slip Resistance (Dry)	Fine Picked 74   Flamed 93   Polished 65
Slip Resistance (Wet)	Fine Picked 70   Flamed 73   Polished 20
Transverse/Flexural Split/Breaking	15.84 MPa (Mean value to EN 12372 : 2006 (Lev = 13.53 MPa))
LRV Range	Fine Picked 25.88   Flamed 17.81   Polished 14.35
Surface Roughness (Rz - µm)	Fine Picked 42.97   Flamed 42.32   Polished 3.20
Compressive Strength (Mpa)	96 MPa (Mean value to EN 1926 : 2006 (Lev = 83 MPa))
Water Absorption (%)	0.29% (Mean value to EN 13755 : 2002 (Hev = 0.31%))

### 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