

Arche Granite



Marshall's Arche Granite is a hard-wearing, strong, and durable granite suitable for both pedestrian and vehicular trafficked areas.

Predominantly light to mid-grey, Arche Granite is available in 3 finish options – blasted, flamed, and honed – 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 and 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	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	Pale grey to white with irregular black grain coarse to very coarse grained Granite
UKCA Marking/DOP	www.marshalls.co.uk/declarations

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PHYSICAL PROPERTIES

Nominal Dimensions (mm)	Various Sizes Available, please contact our Sales Office
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)	19.98mm (Mean value to EN 14157 : 2017 (Hev = 20.67mm))
Durability (Freeze-thaw)	17.2/16.5 MPa (Mean values to EN 12371 : 2006)
Material Density	2595 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.87% (Mean value to EN 1936 : 2006)
Slip Resistance (Dry)	Blasted 93 Flamed 87 Honed 88
Slip Resistance (Wet)	Blasted 76 Flamed 72 Honed 73
Transverse/Flexural Split/Breaking	11.62 MPa (Mean value to EN 12372 : 2022 (Lev = 10.6 MPa))
LRV Range	Blasted 48.78 Flamed 39.21 Honed 49.37
Surface Roughness (Rz - µm)	Blasted 127.78 Flamed 107.78 Honed 112.98
Compressive Strength (Mpa)	76.22 MPa (Mean value to EN 1926 : 2006 (Lev = 68.21 MPa))
Water Absorption (%)	0.38% (Mean value to EN 13755 : 2008 (Hev = 0.42%))

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

