

## Elara 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 Elara Granite is a hard-wearing, strong and durable granite suitable for both pedestrian and vehicular trafficked areas.

Predominantly buff with tones of grey orange and grey, Elara Granite is available in a flamed finish, and 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	Buff with some black and orange crystals
Manufacturing Process	Sawn
Geological Type	Granite
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	Off white very pale orange coarse grained
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, Kerbs Class 2 tolerances to all dimensions as standard, Others by agreement
Abrasion Resistance (mm)	16mm (Mean value to EN 14157 : 2004 (Hev = 16.5mm))
Durability (Freeze-thaw)	12.4/11.9 MPa (Mean values to EN 12371 : 2006)
Material Density	2580 kg/m³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	1.96% (Mean value to EN 1936 : 2006)
Slip Resistance (Dry)	Flamed 91   Fine Picked 94
Slip Resistance (Wet)	Flamed 59   Fine Picked 69
Transverse/Flexural Split/Breaking	13.40 MPa (Mean value to EN 12372 : 2006 (Lev = 10.70 MPa))
LRV Range	Flamed 39.11
Surface Roughness (Rz - µm)	Flamed 40.9
Compressive Strength (Mpa)	200 MPa (Mean value to EN 1926 : 2006 (Lev = 184 MPa))
Water Absorption (%)	0.40% (Mean value to EN 13755 : 2008 (Hev = 0.40%))

### 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