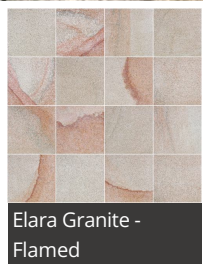


Elara Granite

Date Created: 10/12/21



Elara Granite -
Flamed

*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.

Marshalls' 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 Marshalls 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 of Origin	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	https://www.marshalls.co.uk/declarations

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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	

Abrasion Resistance (mm) 16mm (Mean value eo 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)

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%))

Transverse/FlexuralSplit/Breaking 13.40 MPa (Mean value to EN 12372 : 2006 (Lev = 10.70 MPa))

TEXTURE SPECIFIC PROPERTIES

	Polished	Flamed	Fine Picked
Light Reflectance Value (LRV)	--	39.11	--
Surface Roughness (Rz-µm)	--	40.9	--
Slip Resistance (BS 14231) (Dry)	--	91	94
Slip Resistance (BS 14231) (Wet)	--	59	69

MANUFACTURING

Materials Control UKCA Marked to BS EN 1343 Kerbs

SUSTAINABILITY

ERI Score Our Score: 1.9
Cluster Score: 1.3

FURTHER INFORMATION

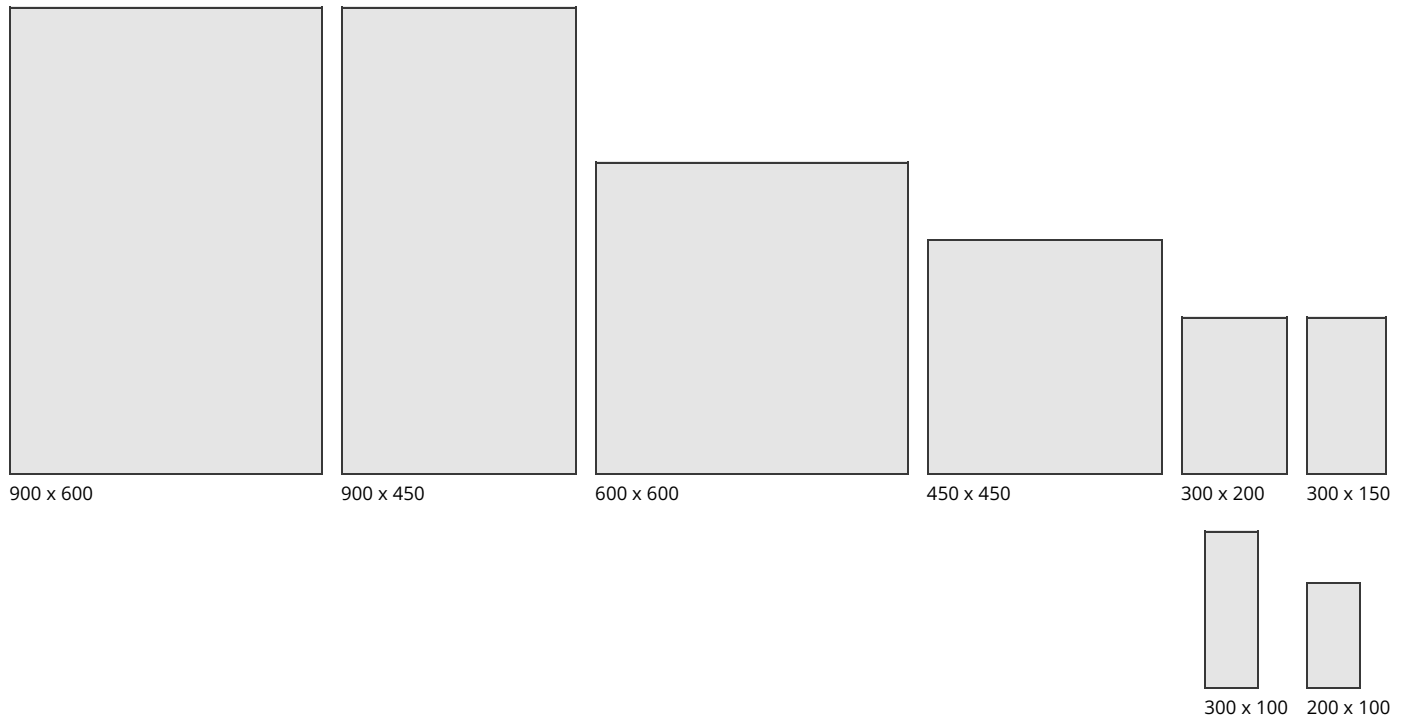
Cleaning & Maintenance Available on request

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

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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.
