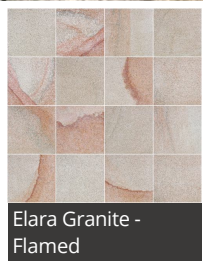


Elara Granite

Date Created: 27/07/21



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.

Elara Granite, like all Marshalls Granites, is produced to ISO9001 quality assurance standards and fully tested to the appropriate standards in the UK, as well as being 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

Elara Granite

Date Created: 27/07/21

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)	14.5mm (Mean value eo EN 14157 : 2004 (Hev = 15.5mm))
Durability (Freeze-thaw)	12.4/11.9 MPa (Mean values to EN 12371 : 2006)
Material Density	2581kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	1.96% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	182 MPa (Mean value to EN 1926 : 2006 (Lev = 135 MPa))
Water Absorption (%)	0.34% (Mean value to EN 13755 : 2008 (Hev = 0.45%))
Transverse/FlexuralSplit/Breaking	12.02 MPa (Mean value to EN 12372 : 2006 (Lev = 10.35 MPa))

MANUFACTURING

Materials Control	UKCA Marked to BS EN 1343 Kerbs UKCA Marked to BS EN 1341 Paving UKCA Marked to BS EN 1342 Setts
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SUSTAINABILITY

ERI Score	Our Score: 1.9 Cluster Score: 1.3
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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

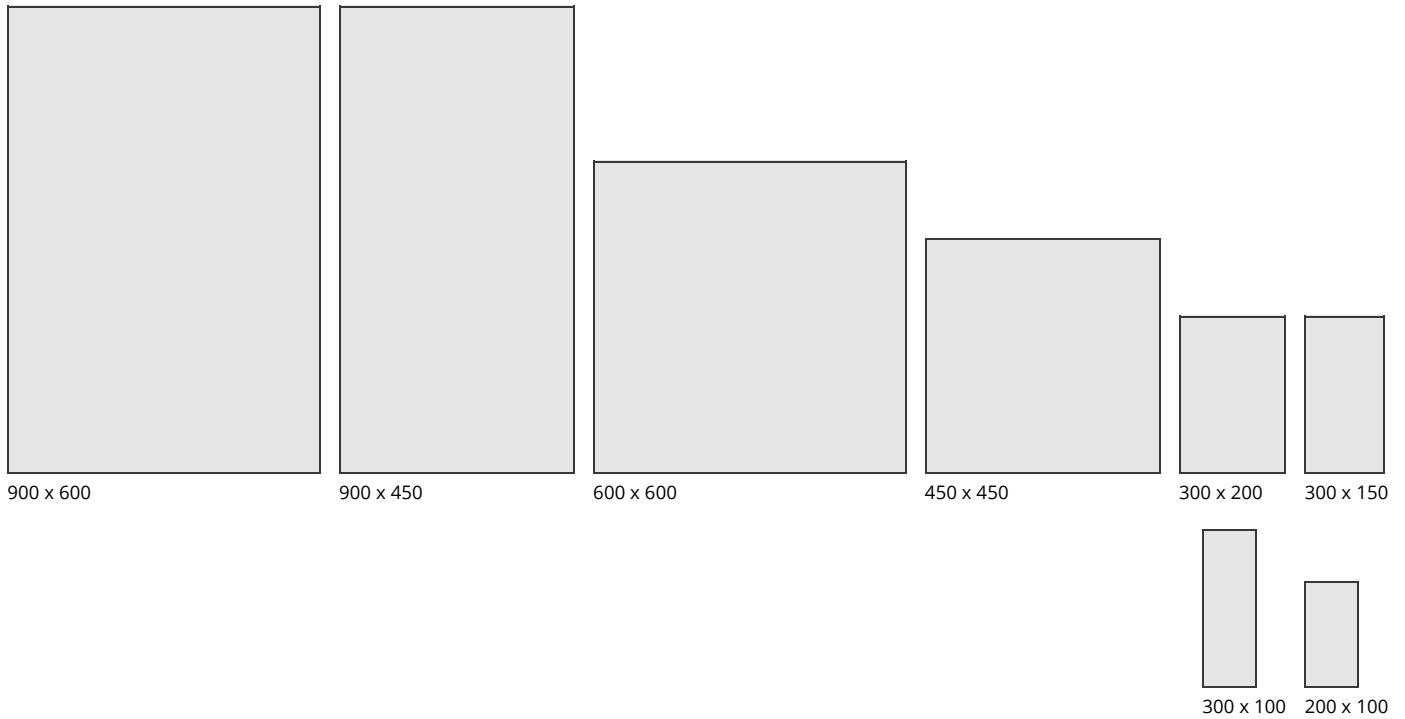
TEXTURE SPECIFIC PROPERTIES

	Polished	Flamed	Fine Picked
Light Reflectance Value (LRV)	--	39.11	--
Surface Roughness (Rz-µm)	--	40.9	--
Slip Resistance (BS 14231) (Dry)	--	85	--
Slip Resistance (BS 14231) (Wet)	--	66.5	--

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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.
