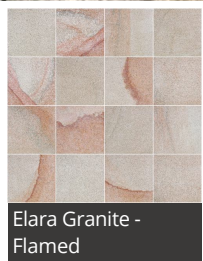


# Elara Granite

Date Created: 25/06/20



\*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 3 finish options - flamed, fine picked, and polished - 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 & 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 CE 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  |
| Petrographical Description | Off white very pale orange coarse grained                                     |
| CE Marking/DOP             | <a href="https://www.marshalls.co.uk/dop">https://www.marshalls.co.uk/dop</a> |

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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)   | 14.5mm (Mean value eo EN 14157 : 2004 (Hev = 16.4mm))  |
| Durability (Freeze-thaw)   | 12.4/11.9 MPa (Mean values to EN 12371 : 2006)         |
| Material Density           | 2722kg/m <sup>3</sup> (Mean value to EN 1936 : 2006)   |
| Open Porosity (%)          | 1.96% (Mean value to EN 1936 : 2006)                   |
| Compressive Strength (MPa) | 156 Mpa (Mean value to EN 1926 : 2006 (Lev = 104 MPa)) |
| Water Absorption (%)       | 0.48% (Mean value to EN 13755 : 2008 (Hev = 0.7%))     |

## 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   | --          |

## MANUFACTURING

|                   |  |
|-------------------|--|
| Materials Control | CE Marked to BS EN 1343 Kerbs<br>CE Marked to BS EN 1341 Paving<br>CE Marked to BS EN 1342 Setts |
|-------------------|--|

## SUSTAINABILITY

|           |                                      |
|-----------|--------------------------------------|
| ERI Score | Our Score: 1.9<br>Cluster Score: 1.3 |
|-----------|--------------------------------------|

|                  |                       |
|------------------|-----------------------|
| Carbon Footprint | kg CO2 m <sup>2</sup> |
|------------------|-----------------------|

## FURTHER INFORMATION

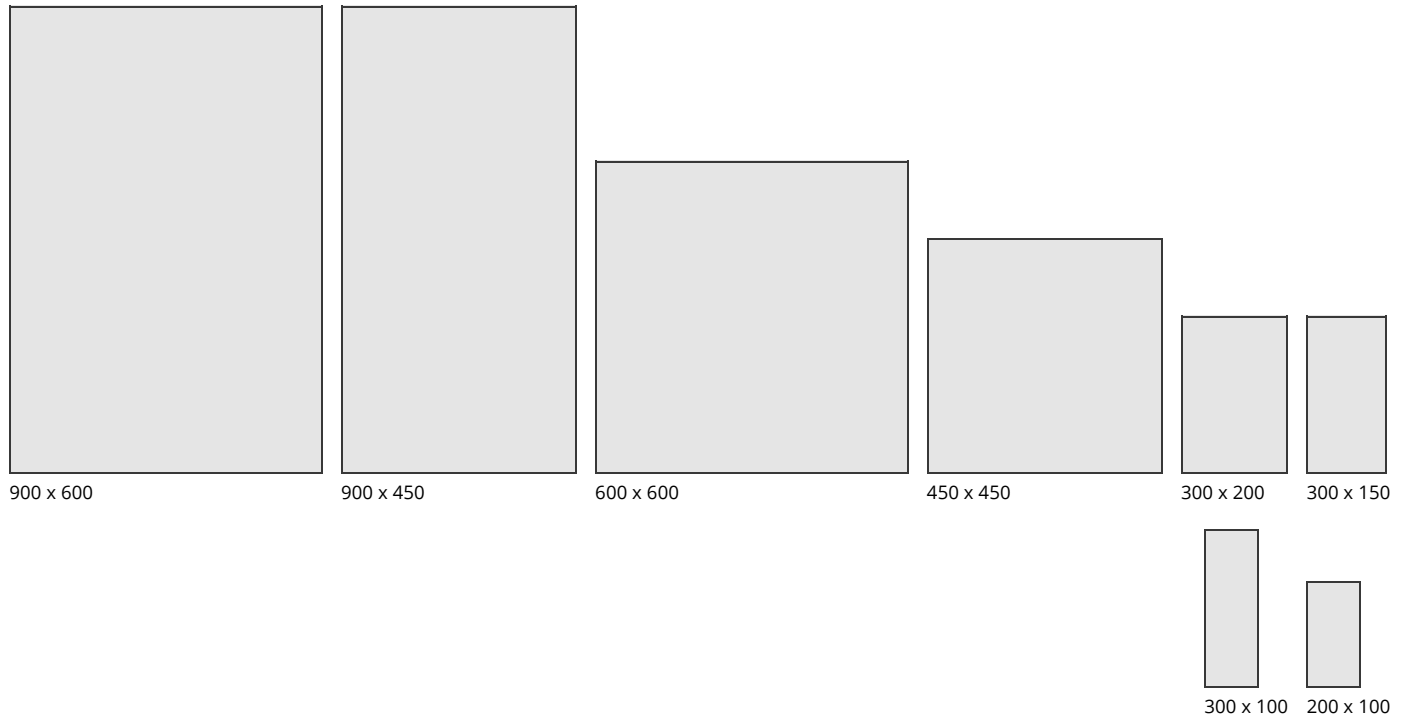
|                        |                      |
|------------------------|----------------------|
| Cleaning & Maintenance | Available on request |
|------------------------|----------------------|

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

# Elara Granite

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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.

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