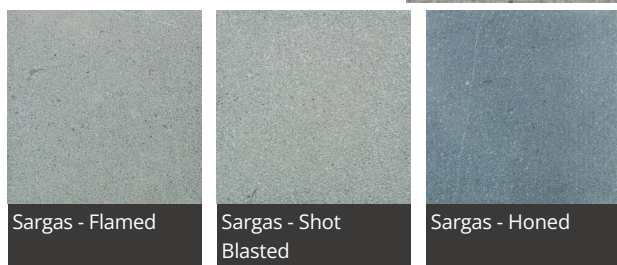


Sargas Granite

Date Created: 19/01/22



Marshall's Sargas Granite is a hard-wearing, strong and durable Granite suitable for both pedestrian and vehicular trafficked areas. Predominantly mid-grey in appearance, Sargas 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 & 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 to grey/blue medium coarse grained granite |
| Manufacturing Process | Sawn |
| Geological Type | Granite |
| Quarry of Origin | Quarries in 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 | Grey to blue/grey medium fine grained Granite |
| 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 900 x 50 |
| | 600 x 600 x 50 |
| | 600 x 900 x 50 |
| | 200 x 100 x 50 |
| | 300 x 100 x 50 |
| | 300 x 150 x 50 |
| | 300 x 200 x 50 |
| | 450 x 450 x 60 |
| | 450 x 900 x 60 |
| | 600 x 600 x 60 |
| | 600 x 900 x 60 |
| | 200 x 100 x 60 |
| | 300 x 100 x 60 |
| | 300 x 150 x 60 |
| | 300 x 200 x 60 |
| | 450 x 450 x 70 |
| | 450 x 900 x 70 |
| | 600 x 600 x 70 |

Abrasion Resistance (mm) 15.5mm (Mean value to EN 14157 : 2004 (Hev = 17mm))

Durability (Freeze-thaw) 20.2/21.5 MPa (Mean values to EN 12371 : 2006)

Material Density 2720 kg/m³ (Mean value to EN 1936 : 2006)

Open Porosity (%) 0.4% (Mean value to EN 1936 : 2006)

Compressive Strength (MPa) 131 MPa (Mean value to EN 1926 : 2006 (Lev = 122 MPa))

Water Absorption (%) 0.22% (Mean value to EN 13755 : 2002 (Hev = 0.24%))

Transverse/FlexuralSplit/Breaking 18.92 MPa (Mean value to EN 12372 : 2006 (Lev = 15.84 MPa))

TEXTURE SPECIFIC PROPERTIES

| | Flamed | Honed | Blasted |
|----------------------------------|--------|-------|---------|
| Light Reflectance Value (LRV) | 30.78 | 26.82 | 29.37 |
| Surface Roughness (Rz-µm) | 54.79 | 15.67 | 59.22 |
| Slip Resistance (BS 14231) (Dry) | 87 | 70 | 89 |
| Slip Resistance (BS 14231) (Wet) | 79 | 48 | 80 |

MANUFACTURING

Materials Control UKCA Marked to BS EN 1341 Paving

SUSTAINABILITY

ERI Score Our Score: 4.2
Cluster Score: 3.6

FURTHER INFORMATION

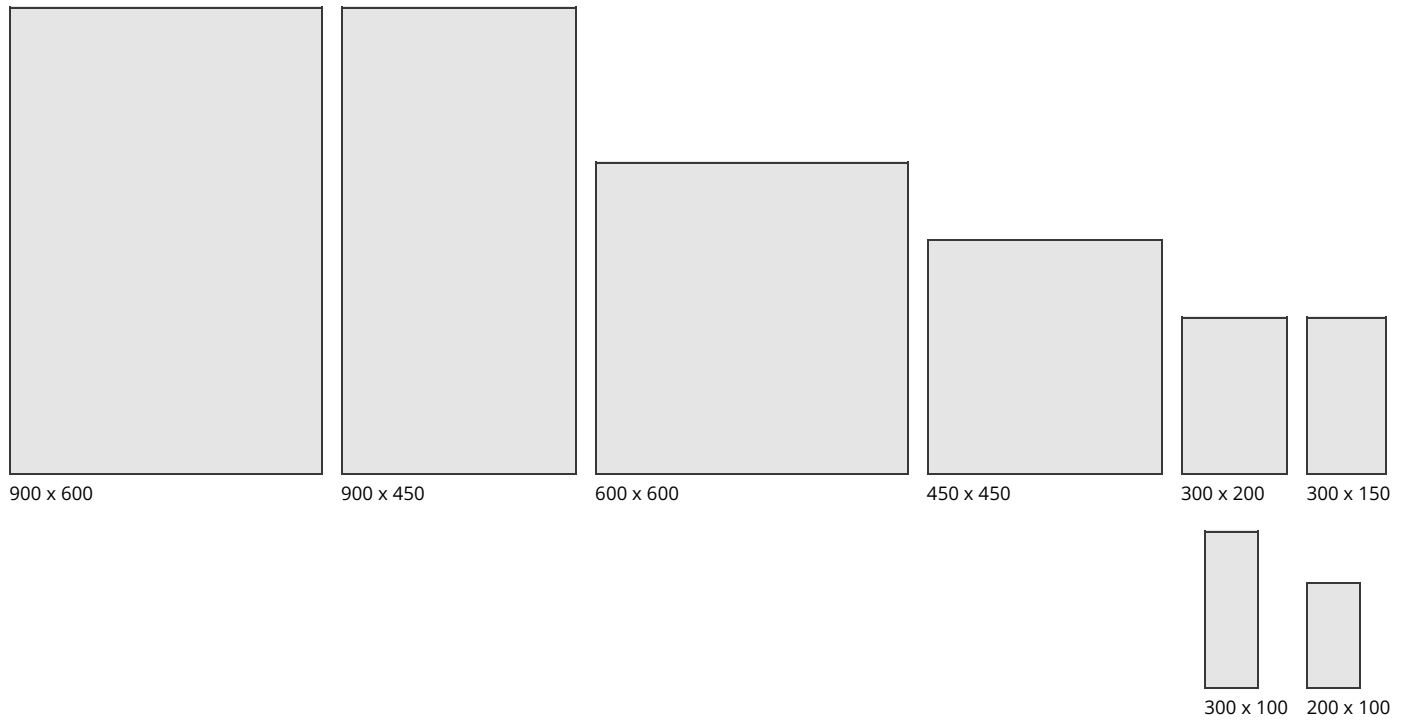
Cleaning & Maintenance Available on request

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.
