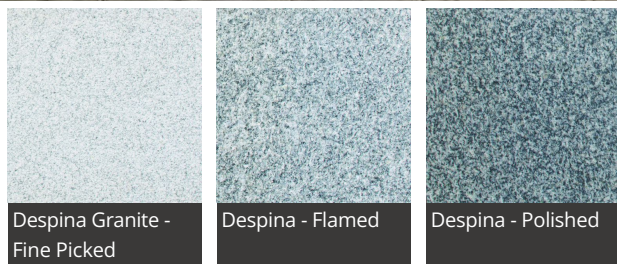


# Despina Granite

Date Created: 19/01/22



\*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.

Benefiting from the traditional strength and durability of granite, Despina granite is suitable for both pedestrian and trafficked areas.

This attractive grey-white stone can be flamed to create a non-slip finish while adding an extra dimension to its appearance by emphasising the granite's crystalline structure and leaving a beautifully textured finish.

Despina is also available in fine picked and polished finish options and across all product areas including paving, setts, kerbs, tactile, steps, water management and street furniture.

It can also be specified for other bespoke specialised masonry items such as veneers for planters or street furniture.

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                        | White and grey Matrix   |
| Manufacturing Process             | Sawn  |
| Geological Type                   | Granite   |
| Quarry of Origin                  | Shandong 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        | Grey to blue grey coarse grained granite  |
| UKCA Marking/DOP                  | <a href="https://www.marshalls.co.uk/declarations">https://www.marshalls.co.uk/declarations</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) 15.5mm (Mean value to EN 1341 : 2012 (Hev =16mm))

Durability (Freeze-thaw) 15.5/15.7 Mpa (Mean values to EN 12371 : 2006)

Material Density 2629 kg/m<sup>3</sup> (Mean value to EN 1936 : 2006)

Open Porosity (%) 0.6% (Mean value to EN 1936 : 2006)

Compressive Strength (MPa) 110 Mpa (Mean value to EN 1926 : 2006 (Lev = 90.4 Mpa))

Water Absorption (%) 0.14% (Mean value to EN 13755 : 2008 (Hev =0.14%))

Transverse/FlexuralSplit/Breaking 14.74 MPa (Mean value to EN 12372 : 2006 (Lev =13.54 MPa))

## TEXTURE SPECIFIC PROPERTIES

|                                  | Polished | Flamed | Fine Picked |
|----------------------------------|----------|--------|-------------|
| Light Reflectance Value (LRV)    | 24.32    | 34.75  | 35.05       |
| Surface Roughness (Rz-µm)        | 3        | 43.9   | >75         |
| Slip Resistance (BS 14231) (Dry) | 72       | 90     | 97          |
| Slip Resistance (BS 14231) (Wet) | 15       | 66     | 73          |

## MANUFACTURING

Materials Control UKCA Marked to BS EN 1341 Paving

## SUSTAINABILITY

ERI Score Our Score: 1.1  
Cluster Score: 1.1

## FURTHER INFORMATION

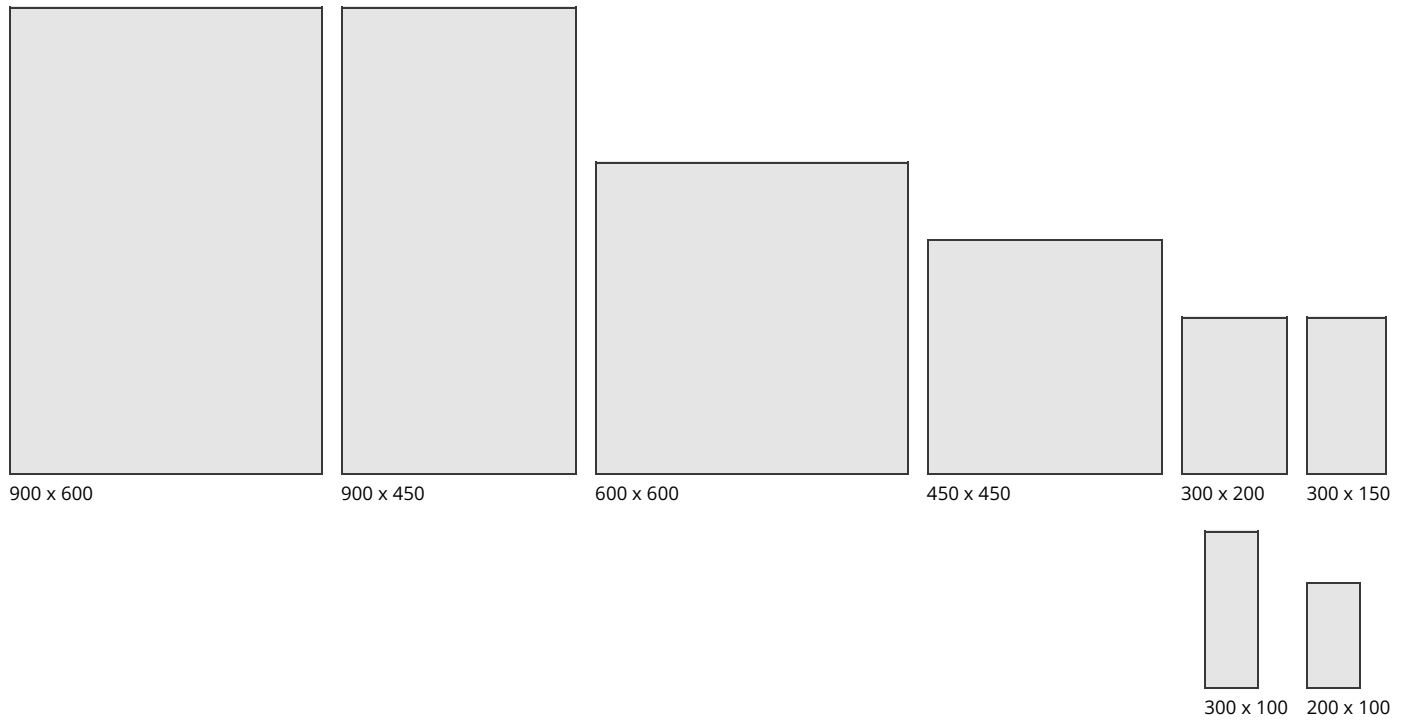
Cleaning & Maintenance Available on request

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.

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