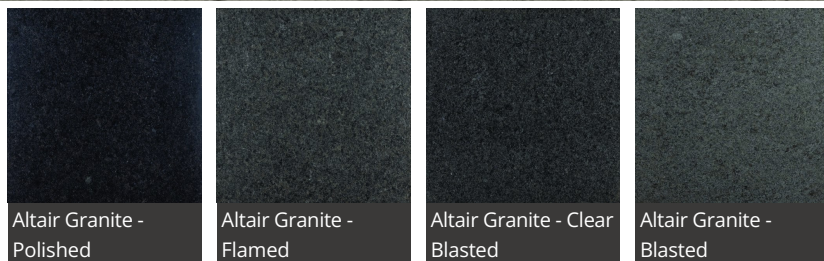


# Altair Granite

Date Created: 10/12/21



Altair Granite - Polished

Altair Granite - Flamed

Altair Granite - Clear Blasted

Altair Granite - Blasted

\*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' Altair Granite is a hard-wearing, strong and durable granite suitable for all product areas such as paving, setts, kerbs, tactile, steps, water management, street furniture or other bespoke specialised masonry items such as veneers for planters or furniture.

This Black Indian granite has a subtle sparkle, giving it a striking look and is available in Flamed, Clear Blast, Blasted or Polished Finishes. 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                        | Black Granite   |
| Manufacturing Process             | Sawn  |
| Geological Type                   | Granite   |
| Quarry of Origin                  | Rajasthan, India  |
| 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 dark grey, fine 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 |
|                      | 600 x 600 x 50 |
|                      | 900 x 600 x 50 |
|                      | 200 x 100 x 50 |
|                      | 300 x 150 x 50 |
|                      | 300 x 200 x 50 |
|                      | 450 x 450 x 60 |
|                      | 900 x 450 x 60 |
|                      | 600 x 600 x 60 |
|                      | 900 x 600 x 60 |
|                      | 200 x 100 x 60 |
|                      | 300 x 100 x 60 |
|                      | 300 x 150 x 60 |
|                      | 300 x 200 x 60 |
|                      | 900 x 600 x 70 |
|                      | 200 x 100 x 70 |
|                      | 300 x 100 x 70 |
|                      | 300 x 150 x 70 |
|                      | 300 x 200 x 70 |
|                      | 450 x 450 x 70 |
| 900 x 450 x 50       |                |
| 900 x 450 x 70       |                |
| 600 x 600 x 70       |                |
| 300 x 100 x 50       |                |

Abrasion Resistance (mm) 15.5mm (Mean value to EN 14157 : 2004 (Hev = 16mm))

Durability (Freeze-thaw) 25.7/24.9 MPa (Mean values to EN 12371 : 2006)

Material Density 2780 kg/m<sup>3</sup> (Mean value to EN 1936 : 2006)

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

Compressive Strength (MPa) 163 MPa (Mean value to EN 1926 : 2006 (Lev = 86 MPa))

Water Absorption (%) 0.1% (Mean value to EN 13755 : 2008 (Hev = 0.1%))

Transverse/FlexuralSplit/Breaking 13.6 MPa (Mean value to EN 12372 : 2006 (Lev = 12.1 MPa))

## MANUFACTURING

|                   |   |
|-------------------|---|
| Materials Control | UKCA Marked to EN 1341 (Slabs for Paving)<br>EN 1342 (Setts)<br>EN 1343 (Kerbs) |
|-------------------|---|

## SUSTAINABILITY

|           |                                    |
|-----------|------------------------------------|
| ERI Score | Our Score: 4<br>Cluster Score: 2.4 |
|-----------|------------------------------------|

## FURTHER INFORMATION

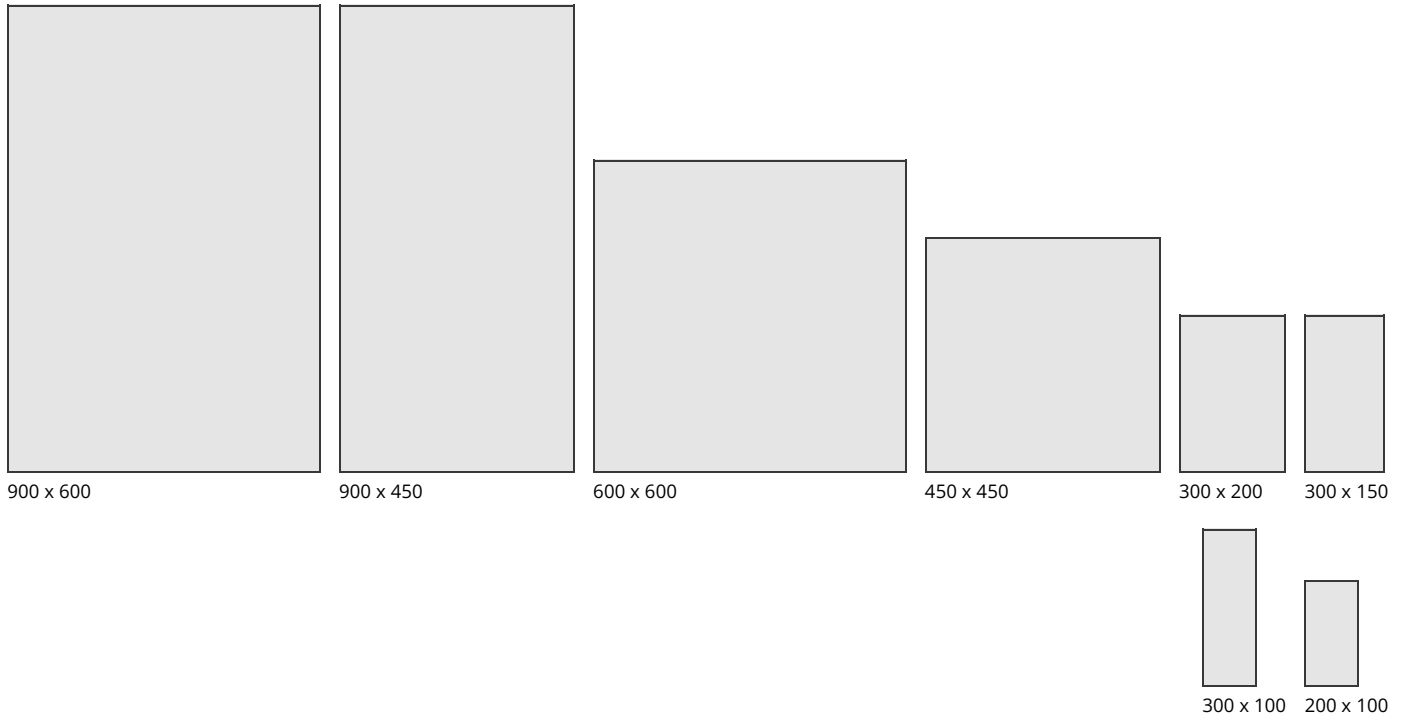
Cleaning & Maintenance Available on request

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

# Altair 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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