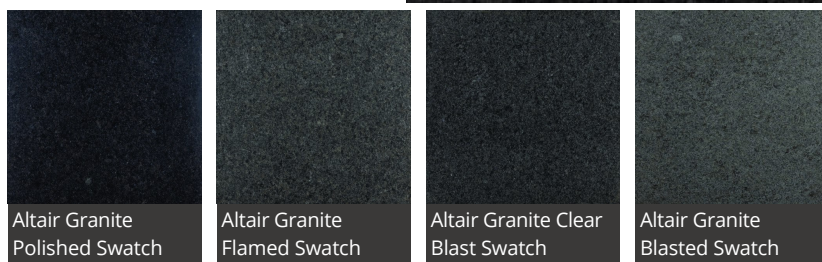


Altair Granite

Date Created: 12/07/21



Altair Granite
Polished Swatch

Altair Granite
Flamed Swatch

Altair Granite Clear
Blast Swatch

Altair Granite
Blasted Swatch

*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 is available in Flamed, Clear Blast, Blasted or Polished Finishes. Altair 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	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	https://www.marshalls.co.uk/declarations

Altair Granite

Date Created: 12/07/21

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 ³ (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))

TEXTURE SPECIFIC PROPERTIES

	Flamed	Clear Blast	Polished	Blasted
Light Reflectance Value (LRV)	15.28	14.51	6.49	21.85
Surface Roughness (Rz-µm)	33.2	--	--	40
Slip Resistance (BS 14231) (Dry)	85	65	--	93
Slip Resistance (BS 14231) (Wet)	68	36	--	80

MANUFACTURING

Materials Control	UKCA Marked to EN 1341 (Slabs for Paving) EN 1342 (Setts) EN 1343 (Kerbs)
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SUSTAINABILITY

ERI Score	Our Score: 4 Cluster Score: 2.4
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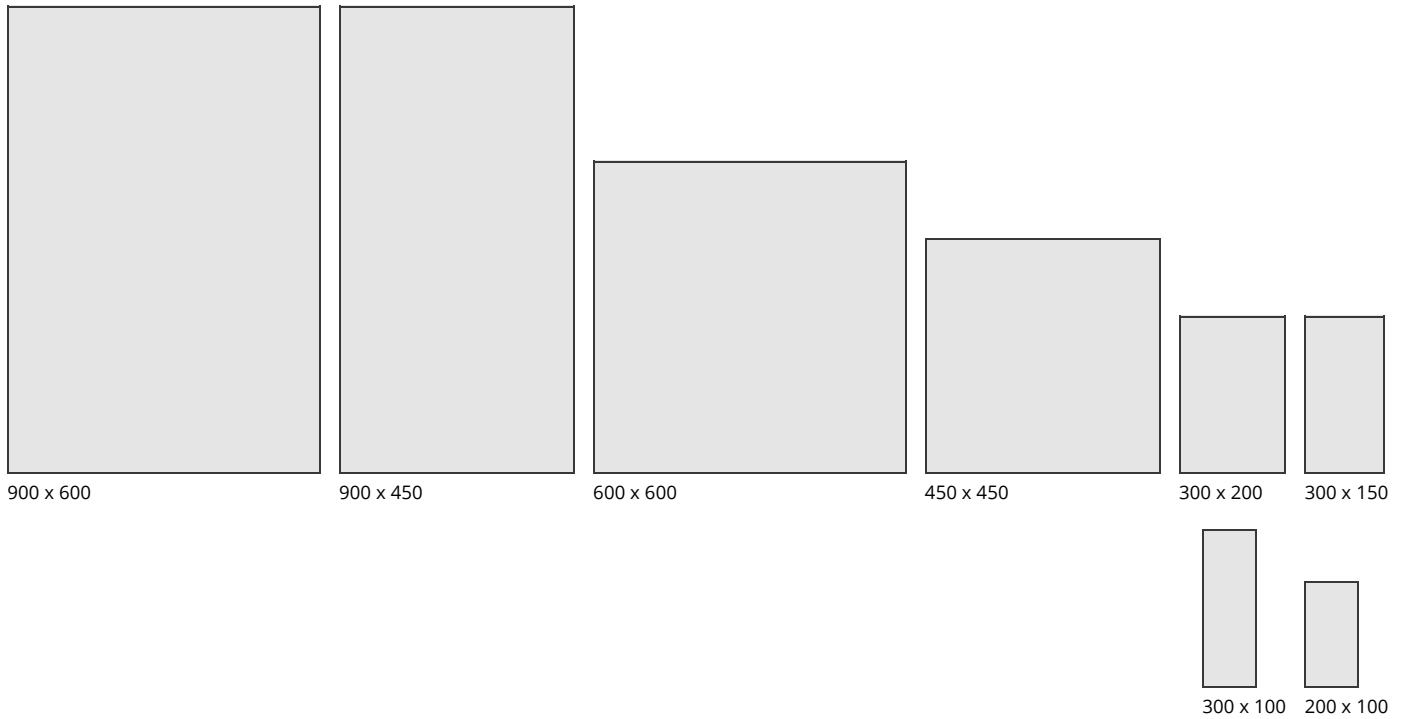
FURTHER INFORMATION

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

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.