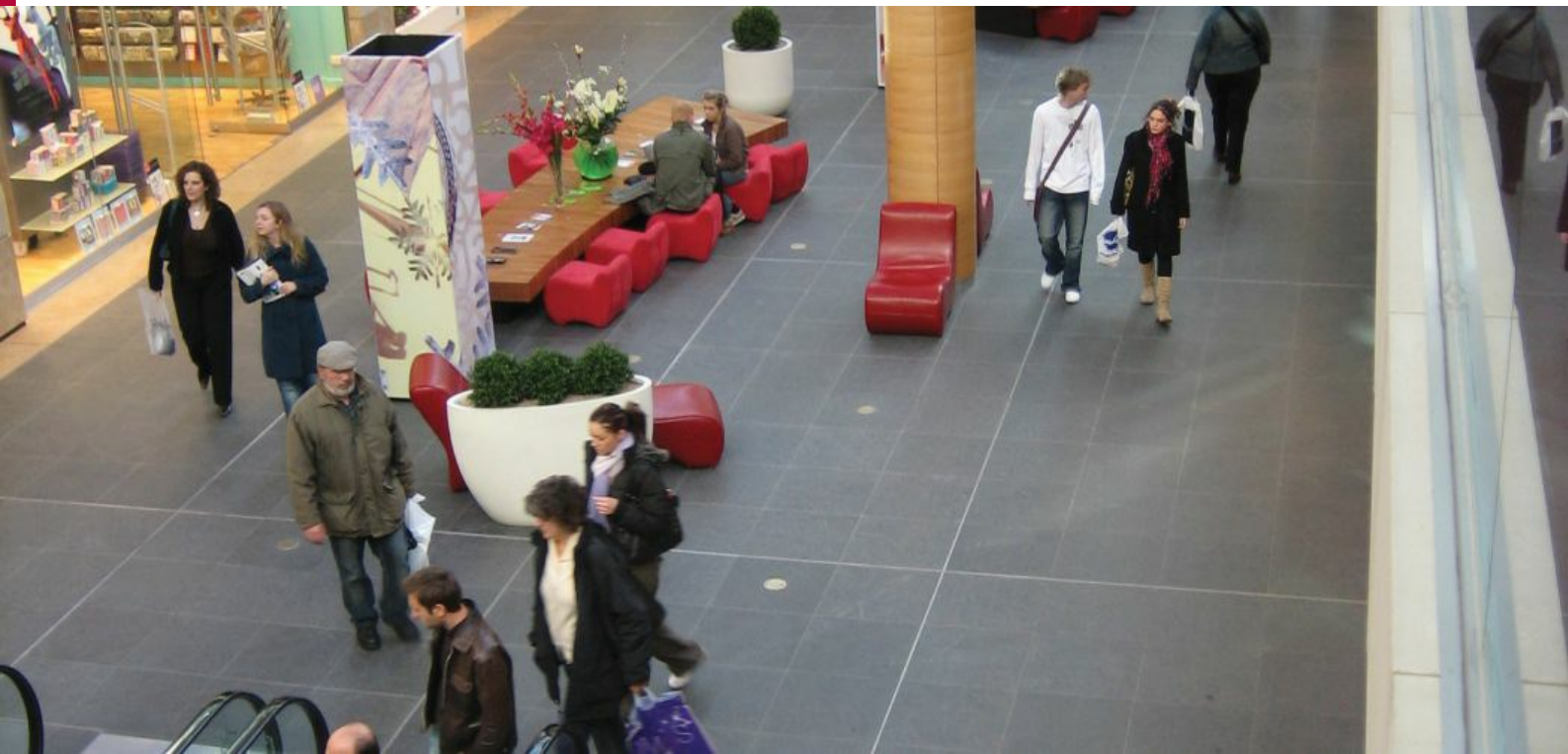


## Tritanial Granite

Date Created: 05/07/21



\*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.

Part of Marshall's new Black Granite offering Tritanial Granite is a striking hard-wearing stone, ideal for modern landscape design.

This black stone is available in flamed, fine picked or polished finishes, an ideal granite to be used for smaller element paving either for the entire paving scheme or alternatively for stand out, detailing & borders.

It's also suitable for other elements of your scheme such as kerbs, tactile, steps and water management.

Our strong, durable granites are produced to ISO9001 quality assurance standards and fully tested to the relevant UK standards, as well as being UKCA marked to comply with the latest legislation.

Speak to a member of our team to receive technical and design assistance for your scheme.

### DESCRIPTION

Appearance	Black with light grey markings
Manufacturing Process	Sawn
Geological Type	Basalt
Quarry of Origin	Fujian 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	Dark grey to green and coarse to fine grained black Basalt
UKCA Marking/DOP	<a href="https://www.marshalls.co.uk/declarations">https://www.marshalls.co.uk/declarations</a>

# Tritanial Granite

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## PHYSICAL PROPERTIES

Work Dimensions (mm)	450 x 450 x 50 450 x 600 x 50 300 x 200 x 50 600 x 450 x 60 300 x 200 x 60 450 x 450 x 70 600 x 450 x 70 600 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 60 600 x 600 x 50 600 x 600 x 60 200 x 100 x 50 200 x 100 x 60 300 x 100 x 50 300 x 100 x 60 300 x 150 x 50 300 x 150 x 60
Abrasion Resistance (mm)	14.5mm (Mean value to EN 14157 : 2004 (Hev = 15.7mm))
Durability (Freeze-thaw)	18.8/18.4 MPa (Mean values to EN 12371 : 2006)
Material Density	2984kg/m³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.29% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	118 MPa (Mean value to EN 1926 : 2006 (Lev = 84 MPa))
Water Absorption (%)	0.12% (Mean value to EN 13755 : 2008 (Hev = 0.16%))
Transverse/FlexuralSplit/Breaking	19.7 MPa (Mean value to EN 12372 : 2006 (Lev = 14.5 MPa))

## TEXTURE SPECIFIC PROPERTIES

	Polished	Fine Picked	Flamed
Light Reflectance Value (LRV)	6.32	21.47	14.01
Surface Roughness (Rz-µm)	3	<75	38
Slip Resistance (BS 14231) (Dry)	—	89	82
Slip Resistance (BS 14231) (Wet)	—	78	63

## MANUFACTURING

Materials Control	UKCA Marked to BS EN 1341 Paving 1342 Setts 1343 Kerbs
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## SUSTAINABILITY

ERI Score	Our Score: 1.9 Cluster Score: 1.3
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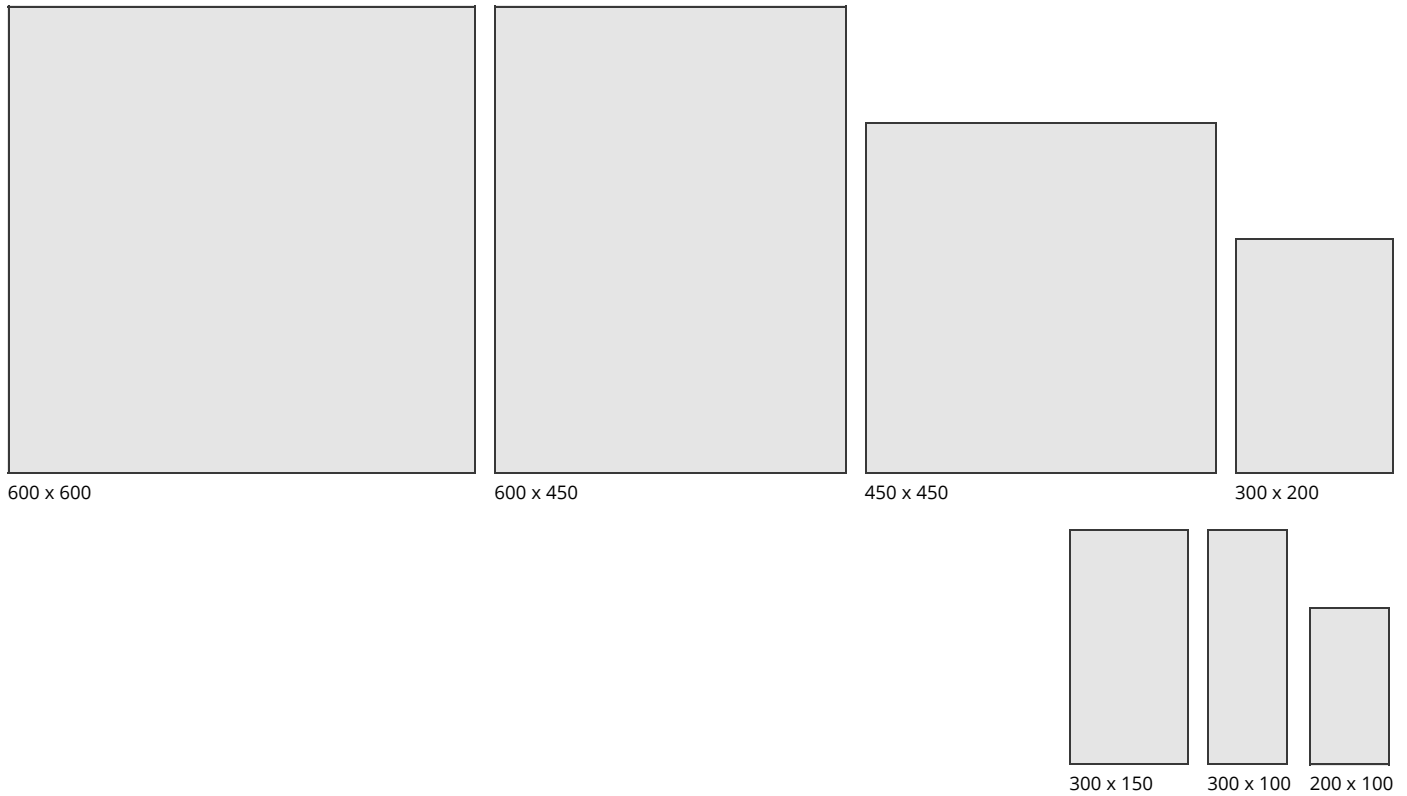
## FURTHER INFORMATION

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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## Tritanial 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.