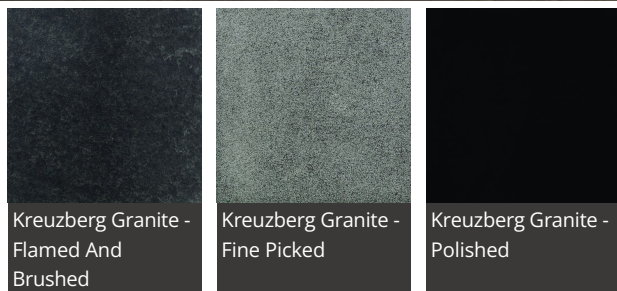


# Kreuzberg Granite

Date Created: 09/12/21



\*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, perfect for Paving, Kerbs, Tactile units & Steps, Kreuzberg granite is a versatile stone product that has a naturally slick black appearance.

Fully tested to all relevant standards, it's hard-wearing, strong and durable across a number of applications for both pedestrian and vehicular trafficked areas.

Available in three finish options - fine picked, flamed and polished - Kreuzberg Granite can be supplied as paving, tactile paving, kerbs, & water management product formats.

Fine picked and flamed offer excellent non-slip properties making them ideal for paving slabs.

There's also complete clarity with regard to the supply chain - our granites are scored using Marshall's Ethical Risk Index.

DESCRIPTION	
Appearance	Black basalt
Manufacturing Process	Sawn
Geological Type	Basalt
Quarry of Origin	Lam Dong Province, Vietnam
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 microporphyrict texture Basalt
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 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)	14.5mm (Mean value to EN 14157 : 2004 (Hev = 16.4mm))
Durability (Freeze-thaw)	20/14.9 MPa (Mean values to EN 12371 : 2006)
Material Density	2832kg/m <sup>3</sup> (Mean value to EN 1936 : 2006)
Open Porosity (%)	1.11% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	114 MPa (Mean value to EN 1926 : 2006 (Lev = 84 MPa))
Water Absorption (%)	0.53% (Mean value to EN 13755 : 2008 (Hev = 0.76%))
Transverse/FlexuralSplit/Breaking	19.7 MPa (Mean value to EN 12372 : 2006 (Lev = 14.35 MPa))

## MANUFACTURING

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

ERI Score	Our Score: 3.8 Cluster Score: 2.1
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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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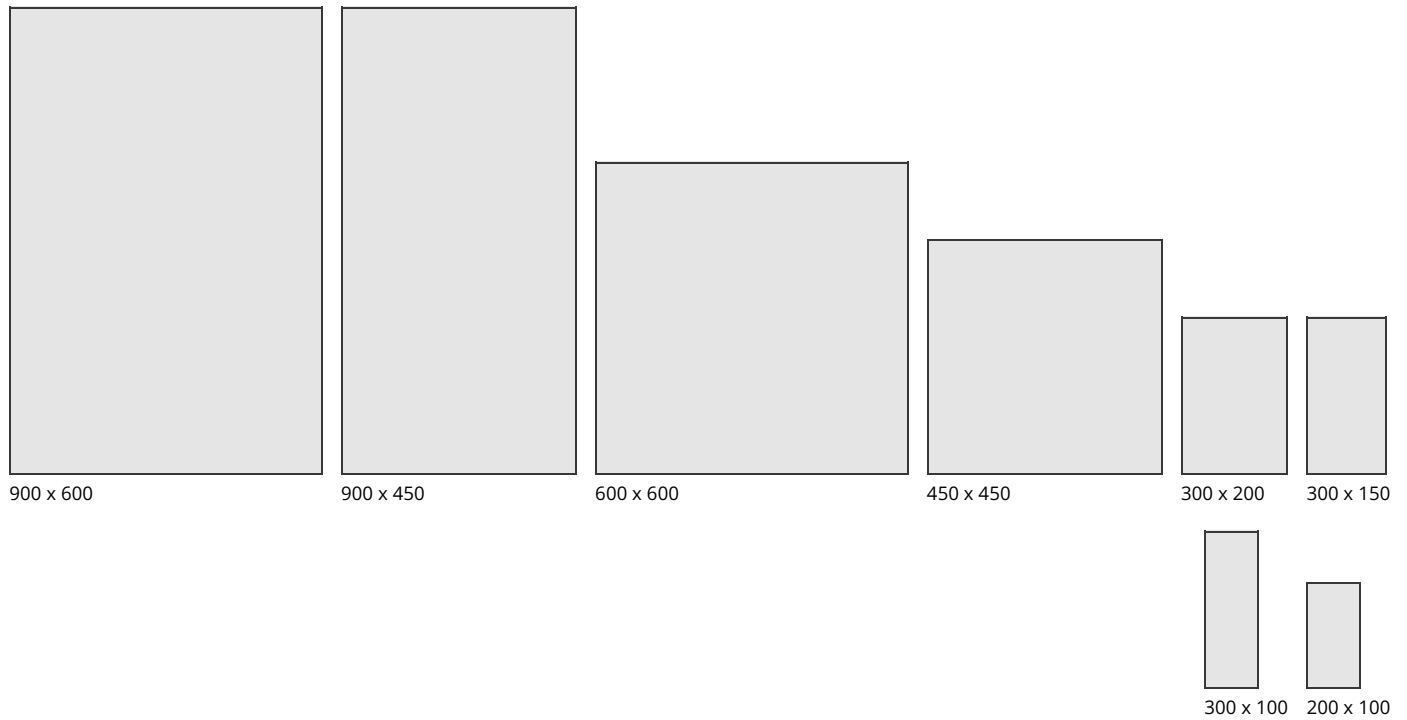
## TEXTURE SPECIFIC PROPERTIES

	Polished	Fine Picked	Flamed
Light Reflectance Value (LRV)	6.84	21.28	7.89
Surface Roughness (Rz-µm)	--	--	29
Slip Resistance (BS 14231) (Dry)	--	84	82
Slip Resistance (BS 14231) (Wet)	--	64	62

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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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