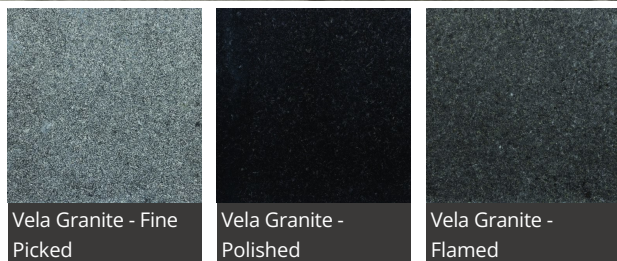
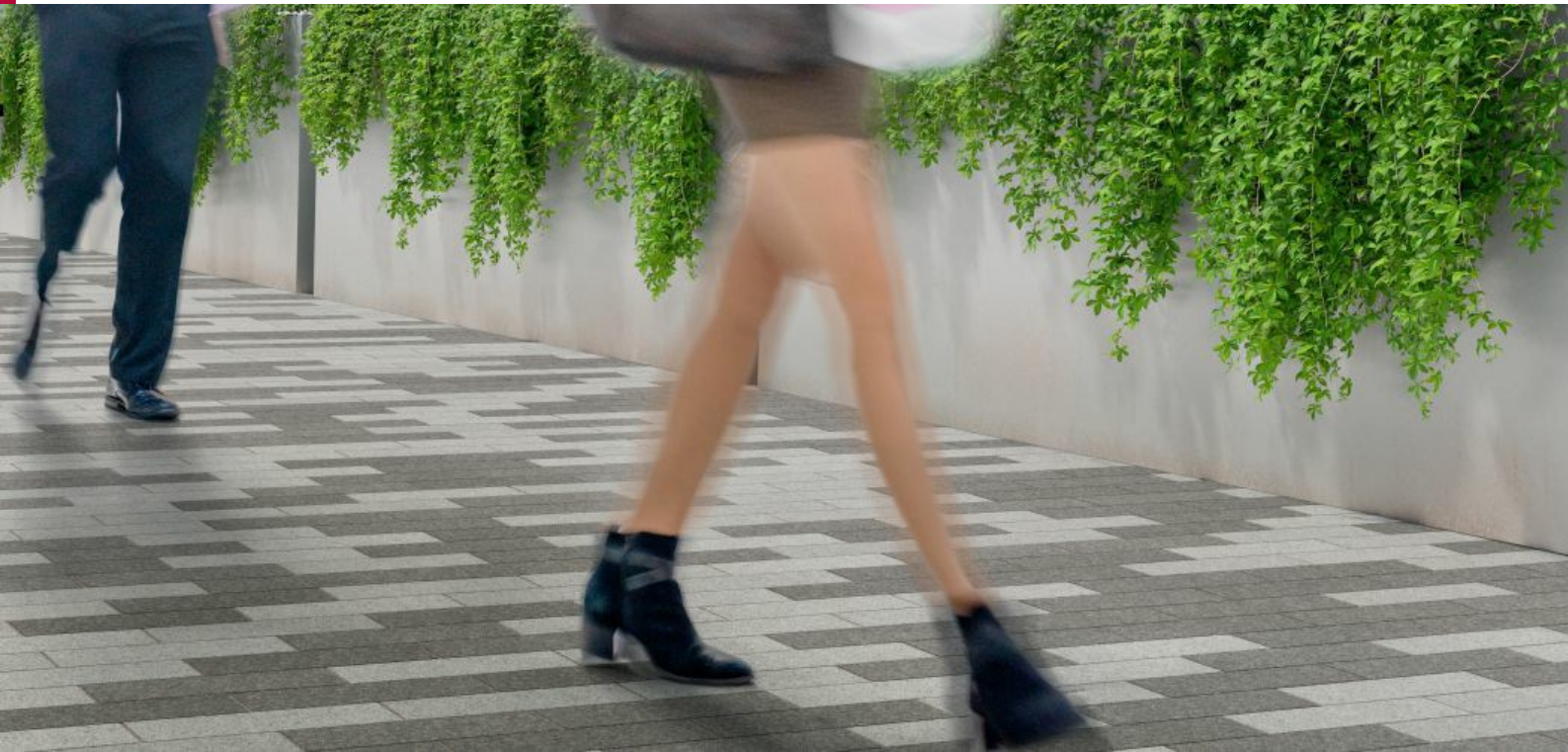


# Vela Granite

Date Created: 10/12/21



Vela Granite - Fine Picked

Vela Granite - Polished

Vela Granite - Flamed

\*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' Vela 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 Chinese granite is available in a Fine Picked, Flamed, and Polished finish. Vela Granite is fully tested to the appropriate standards in the UK, as well as being UKCA marked in accordance with the latest legislation. Marshalls granite products are fully tested to the appropriate standards in the UK and are all UKCA marked in accordance with the latest legislation.

## DESCRIPTION

Appearance	Black Granite
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Shaanxi, 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	Pale grey bluish, mainly medium to coarse grained granite
UKCA Marking/DOP	<a href="https://www.marshalls.co.uk/declarations">https://www.marshalls.co.uk/declarations</a>

# Vela Granite

Date Created: 10/12/21

## 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) 16mm (Mean value to EN 14157 : 2004 (Hev = 16.5mm))

Durability (Freeze-thaw) 16.0/17.0 MPa (Mean values to EN 12371 : 2006)

Material Density 2840 kg/m<sup>3</sup> (Mean value to EN 1936 : 2006)

Open Porosity (%) 1.0% (Mean value to EN 1936 : 2006)

Compressive Strength (MPa) 264 MPa (Mean value to EN 1926 : 2006 (Lev = 221 MPa))

Water Absorption (%) 0.2% (Mean value to EN 13755 : 2008 (Hev = 0.3%))

Transverse/FlexuralSplit/Breaking 16.0 MPa (Mean value to EN 12372 : 2006 (Lev = 12.2 MPa))

## TEXTURE SPECIFIC PROPERTIES

	Flamed	Fine Picked	Polished
Light Reflectance Value (LRV)	11.95	16.75	7.07
Surface Roughness (Rz-µm)	31.1	40	1.4
Slip Resistance (BS 14231) (Dry)	78	78	--
Slip Resistance (BS 14231) (Wet)	55	55	--

## MANUFACTURING

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

## SUSTAINABILITY

ERI Score Our Score: 3.4  
Cluster Score: 0.7

## FURTHER INFORMATION

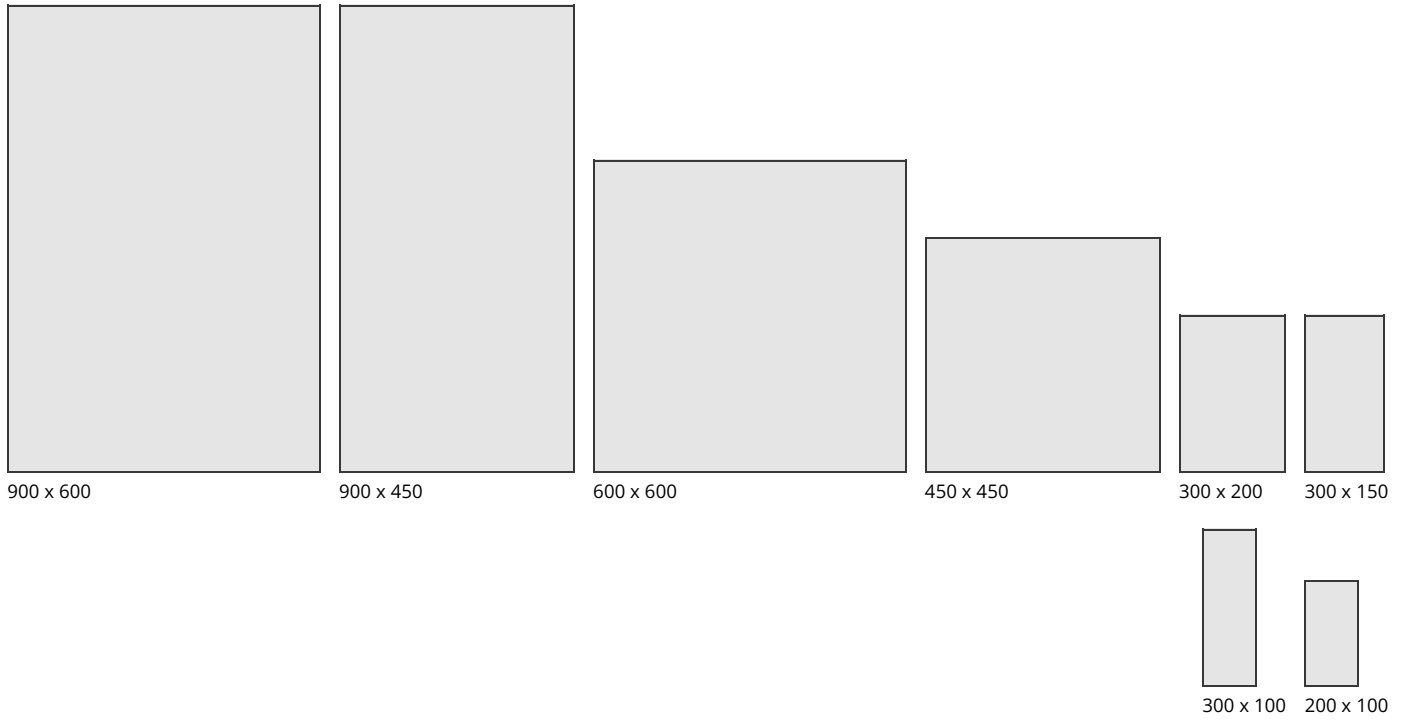
Cleaning & Maintenance Available on request

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

# Vela Granite

Date Created: 10/12/21

## Suggested Plan Sizes



The plan sizes shown above illustrate popular sizes of our Natural Stone. Bespoke sizes are available upon request.

---