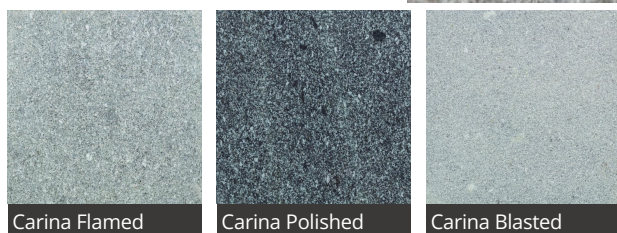


Carina Granite

Date Created: 15/09/22



*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' Carina Granite is a hard-wearing, strong and durable granite suitable for both pedestrian and vehicular trafficked areas. Predominantly light to mid-grey, Carina Granite is available in 3 finish options – blasted, flamed and polished – to match different applications and their needs, whether they call for a smooth aesthetic or superior non-slip properties. It is available across all product areas including Paving, Setts, Kerbs, Tactile, Steps, Water Management, Bespoke Street furniture, Masonry & Specials – allowing for the creation of unified schemes. 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	Light to medium grey granite
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Mangaulde, Portugal
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	Light to medium grey, fine to medium grained Granite
UKCA Marking/DOP	https://www.marshalls.co.uk/declarations

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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) 15mm (Mean value to EN 14157 : 2004 (Hev = 15.5mm))

Durability (Freeze-thaw) 24.7/25.8 MPa (Mean values to EN 12371 : 2006)

Material Density 2740 kg/m³ (Mean value to EN 1936 : 2006)

Open Porosity (%) 0.5% (Mean value to EN 1936 : 2006)

Compressive Strength (MPa) 180 MPa (Mean value to EN 1926 : 2006 (Lev = 136 MPa))

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

Transverse/FlexuralSplit/Breaking 24.7 MPa (Mean value to EN 12372 : 2006 (Lev = 20.9 MPa))

TEXTURE SPECIFIC PROPERTIES

	Flamed	Polished	Blasted
Light Reflectance Value (LRV)	28.73	--	32.38
Slip Resistance (BS 14231) (Dry)	90	53	91
Slip Resistance (BS 14231) (Wet)	65	12	71

MANUFACTURING

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

SUSTAINABILITY

ERI Score Our Score: 4.2
Cluster Score: 3.6

FURTHER INFORMATION

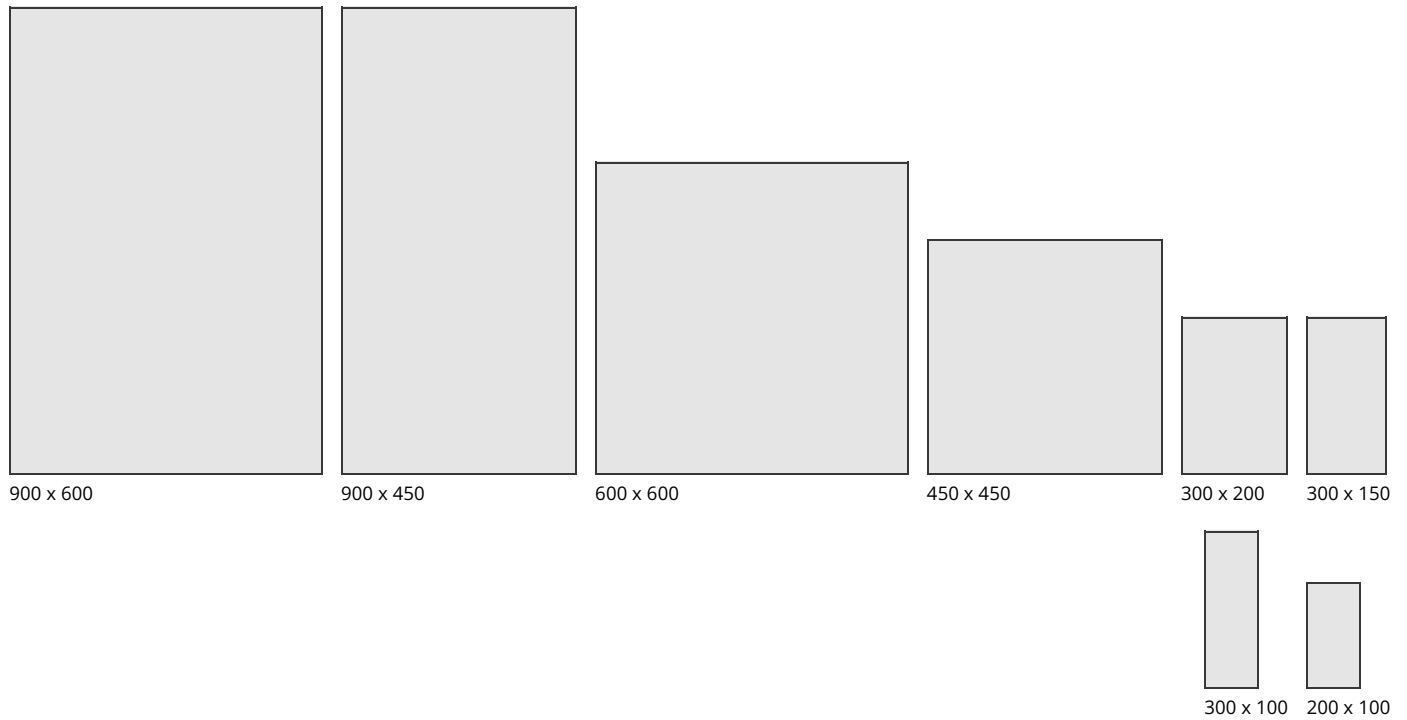
Cleaning & Maintenance Available on request

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

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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.
