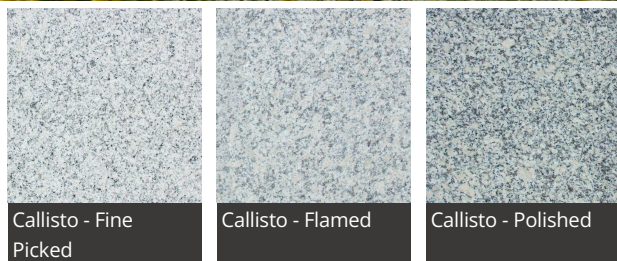


# Callisto Granite

Date Created: 19/01/22



\*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.

A silver stone with grey flecks, Marshalls' Callisto Granite can be used across a variety of applications.

With options including bespoke street furniture and planter veneers, as well as kerbs, steps, edgings, water management solutions, paving and setts, it provides the hard-wearing yet attractive quality that granite is known for.

Callisto comes in 3 finishes. Both the fine picked and flamed finishes are ideal for use in vehicular trafficked and pedestrian areas thanks to their non-slip, non-skid qualities, whereas the polished finish is better suited to street furniture, cladding or internal projects.

Whether a small or large-scale project, Callisto Granite has the flexibility to be used entirely on its own or mixed with other colours from the extensive Marshalls range. 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	Grey to pale grey with very fine pink and white hues
Manufacturing Process	Sawn
Geological Type	Granite
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	Grey to pale grey coarse grained fresh Granite
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)	900 x 600 x 63
	300 x 150 x 60
	900 x 450 x 70
	200 x 100 x 63
	450 x 450 x 60
	600 x 600 x 70
	300 x 100 x 63
	900 x 450 x 60
	900 x 600 x 70
	300 x 150 x 63
	600 x 600 x 60
	200 x 100 x 70
	300 x 200 x 63
	300 x 100 x 70
	450 x 450 x 63
	900 x 600 x 60
	300 x 150 x 70
	900 x 450 x 63
	300 x 100 x 60
	300 x 200 x 70
600 x 600 x 63	
200 x 100 x 60	
450 x 450 x 70	
300 x 200 x 60	

Abrasion Resistance (mm)	16.5mm (Mean value to EN 1341 : 2012 (Hev = 17mm))
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Durability (Freeze-thaw)	10.5/11.5 MPa (Mean values to EN 12371 : 2006)
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Material Density	2609 kg/m3 (Mean value to EN 1936 : 2006)
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Open Porosity (%)	1.07% (Mean value to EN 1936 : 2006)
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Compressive Strength (MPa)	105 MPa (Mean value to EN 1926 : 2006 (Lev = 97 MPa))
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Water Absorption (%)	0.35% (Mean value to EN 13755 : 2008 (Hev=0.4%))
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Transverse/FlexuralSplit/Breaking	12.62 MPa (Mean value to EN 12372 : 2006 (Lev = 11.76 MPa))
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## TEXTURE SPECIFIC PROPERTIES

	Polished	Flamed	Fine Picked
Light Reflectance Value (LRV)	37.62	39.18	45.57
Surface Roughness (Rz-µm)	16	>75	>75
Slip Resistance (BS 14231) (Dry)	72	84	89
Slip Resistance (BS 14231) (Wet)	43	60	57

## MANUFACTURING

Materials Control	UKCA Marked to BS EN 1341 Paving
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## SUSTAINABILITY

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

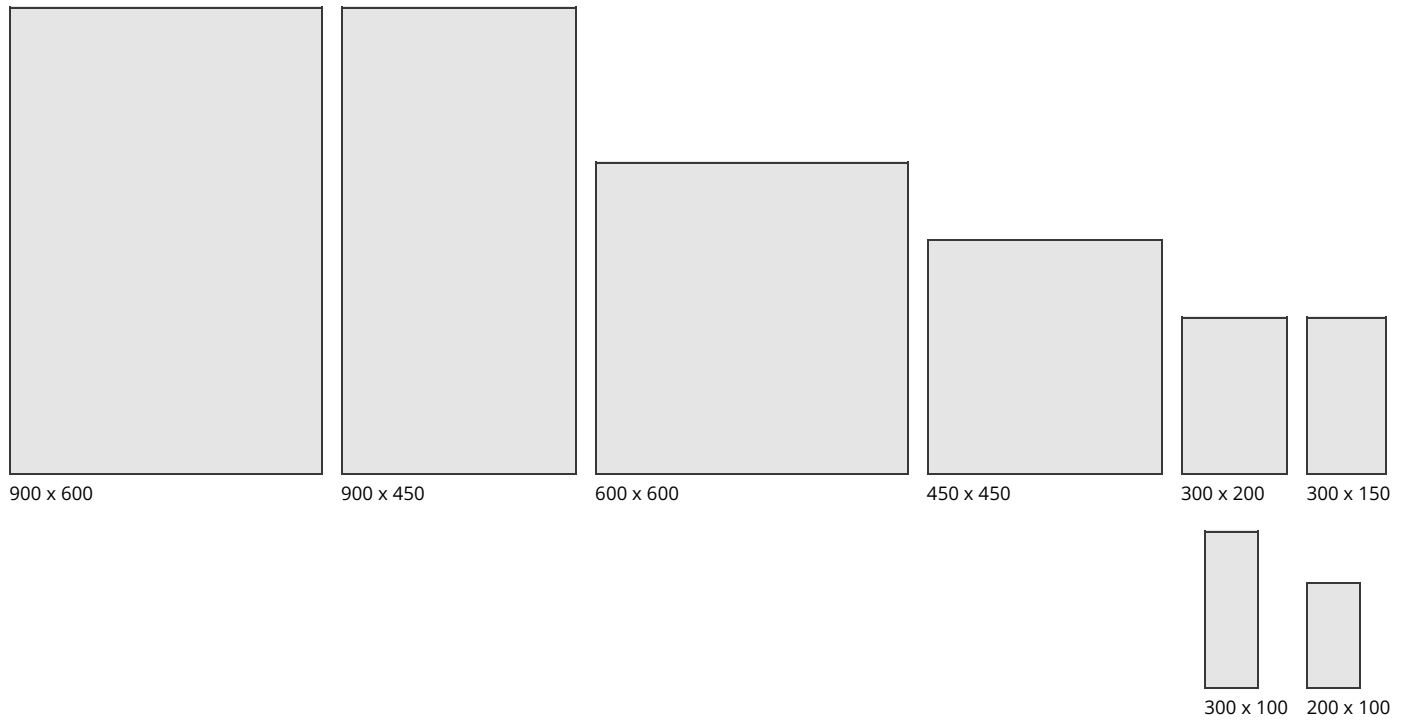
Cleaning & Maintenance	Available on request
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Contact Us	For technical information on the design, specification and construction when utilising the product, contact Group Technical Services on 0370 411 2233
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## Suggested Plan Sizes



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