

Fitzroy 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.

For a buff-coloured stone with great aesthetic qualities as well as outstanding durability, consider Fitzroy Granite.

Granites are generally hard-wearing and strong landscaping materials. This versatile stone is available as paving, setts, kerbs, tactile, steps, water management, bespoke street furniture, masonry and specials. Depending on the application, opt for a polished, flamed or fine picked finish, each delivering a subtly different end product.

For paving, a non-slip surface is assured due to the textured face of the stone, while you can also pick out setts and kerbs. The polished finish is popular when considering street furniture, masonry and coping.

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	Beige with brown and black inclusions
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Binh Dinh 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	Faint Yellow, Pink Beige background with grey black coarse grained Granite
UKCA Marking/DOP	https://www.marshalls.co.uk/declarations

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PHYSICAL PROPERTIES

Work Dimensions (mm)	200 x 100 x 50
	300 x 100 x 50
	300 x 150 x 50
	300 x 200 x 50
	450 x 450 x 50
	450 x 900 x 50
	600 x 600 x 50
	600 x 900 x 50
	200 x 100 x 60
	300 x 100 x 60
	300 x 150 x 60
	300 x 200 x 60
	450 x 450 x 60
	450 x 900 x 60
	600 x 600 x 60
	600 x 900 x 60
	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	
450 x 900 x 70	
600 x 600 x 70	
600 x 900 x 70	

Abrasion Resistance (mm)	17mm Mean value to EN 14157 : 2004 (Hev=17.8mm)
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Durability (Freeze-thaw)	12.4/11.3 MPa (Mean values to EN 12371 : 2006)
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Material Density	2640 kg/m ³ (Mean value to EN 1936 : 2006)
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Open Porosity (%)	2.6% Mean value to EN 1936 : 2006
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Compressive Strength (MPa)	119 MPa Mean value to EN 1926 : 2006 (Lev = 70 MPa)
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Water Absorption (%)	0.25% Mean value to EN 13755 : 2008 (Hev=0.27%)
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Transverse/FlexuralSplit/Breaking	16.35 MPa Mean value to EN 12372 : 2006 (Lev = 14.64 MPa)
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TEXTURE SPECIFIC PROPERTIES

	Flamed	Polished	Fine Picked
Light Reflectance Value (LRV)	26.62	22.85	32.58
Surface Roughness (Rz-µm)	40	3	>75
Slip Resistance (BS 14231) (Dry)	96	67	96
Slip Resistance (BS 14231) (Wet)	74	20	85

MANUFACTURING

Materials Control	UKCA Marked to BS EN 1341 Paving
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SUSTAINABILITY

ERI Score	Our Score: 3.8 Cluster Score: 2.1
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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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