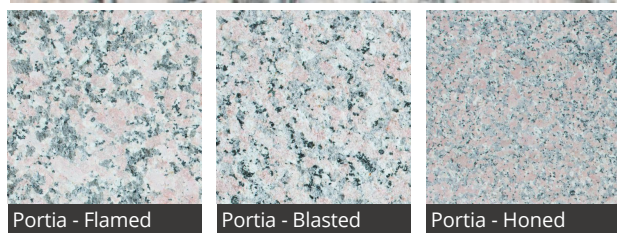
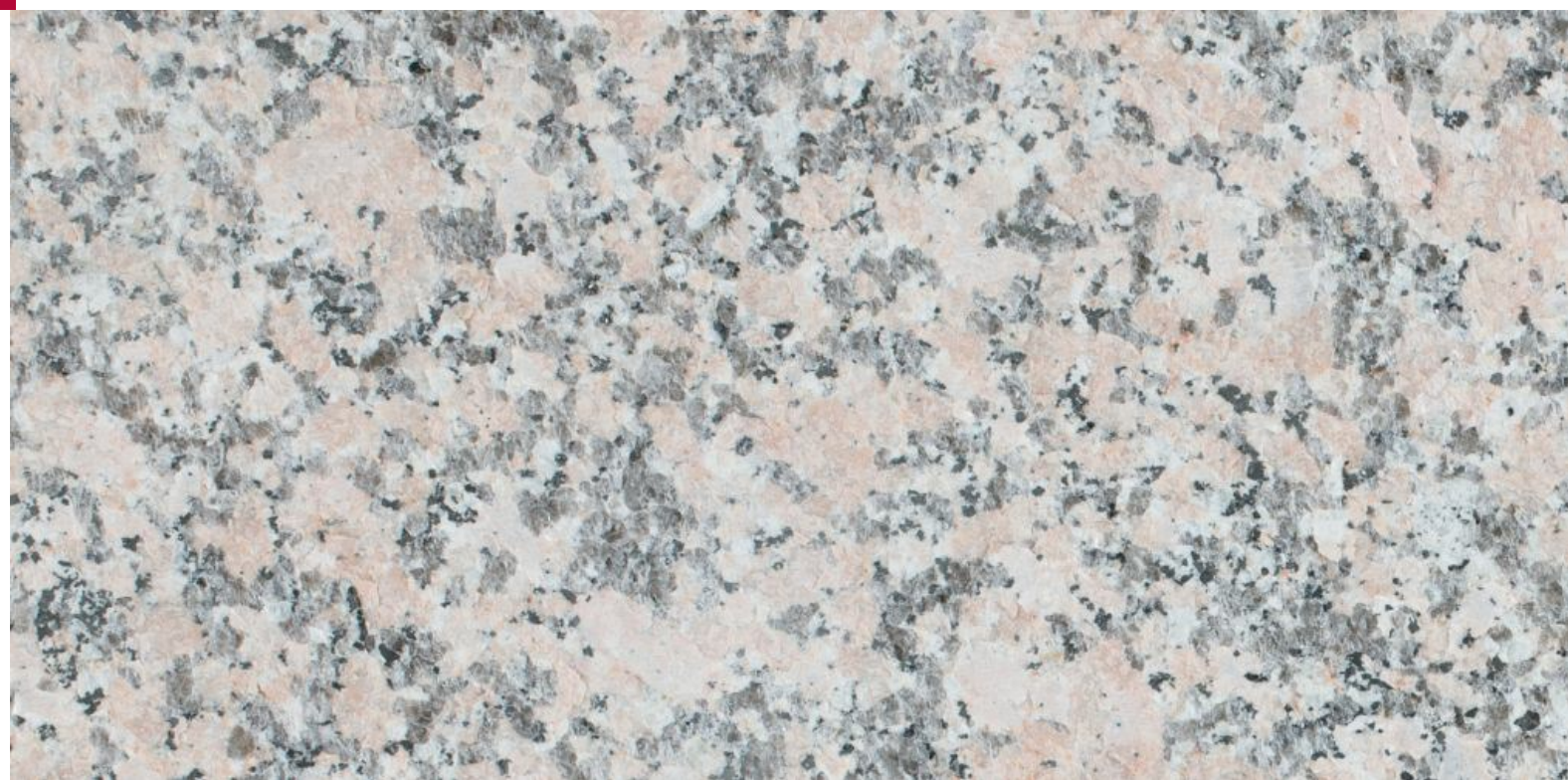


Portia Granite

Date Created: 22/02/21



*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.

Portia Granite is a hard-wearing, strong and durable landscaping material. Grey with pinkish tones, it is suitable for paving both pedestrian and vehicular trafficked areas.

Available in a flamed, blasted or honed finish, it is available across a wide range of product areas including paving, tactile, steps, setts, water management, kerbs, and street furniture. Bespoke and specialised masonry options may be available on request.

Marshalls' granites are all tested to UK standards and CE marked in line with the most recent legislation. Portia Granite is quarried and produced in Europe to ISO9001 quality assurance standards.

DESCRIPTION	
Appearance	Pink Granite with Large grey and small black and white inclusions
Manufacturing Process	Sawn
Geological Type	Granite
Quarry of Origin	Pontevedra, Spain
Petrographical Description	Pink coarse to very coarse grained Granite
CE Marking/DOP	https://www.marshalls.co.uk/dop

Portia Granite

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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 50
	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)	17 mm (Mean value to EN 14157 : 2004 (Hev = 17.5 mm))
Durability (Freeze-thaw)	12.6/11.8 MPa (Mean values to EN 12371 : 2006)
Material Density	2612 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.68% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	97 MPa (Mean value to EN 1926 : 2006 (Lev = 64 MPa))
Water Absorption (%)	0.37% (Mean value to EN 13755 : 2002 (Hev = 0.51%))
Transverse/FlexuralSplit/Breaking	12.9 MPa (Mean value to EN 12372 : 2006 (Lev = 11.67 MPa))

MANUFACTURING

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

ERI Score	Our Score: 4.2 Cluster Score: 3.6
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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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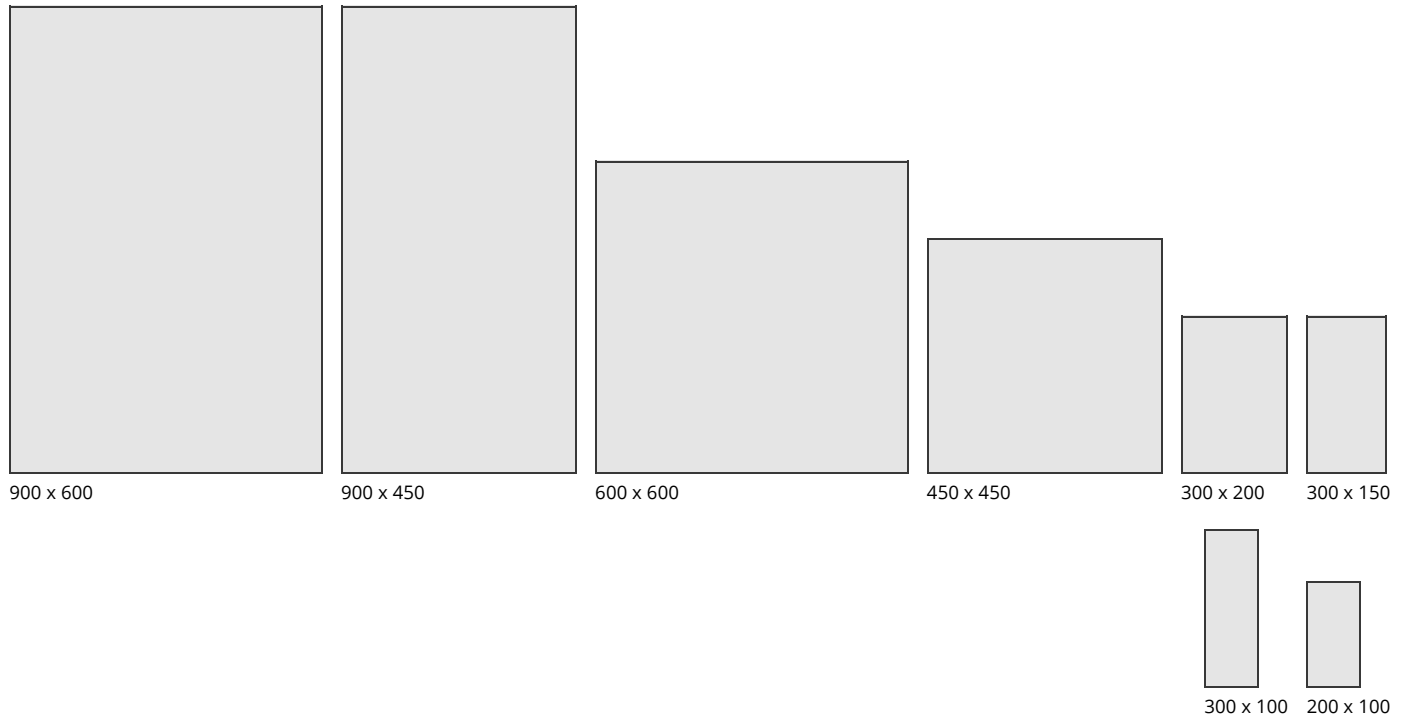
TEXTURE SPECIFIC PROPERTIES

	Honed	Flamed	Blasted
Light Reflectance Value (LRV)	35.46	--	38.58
Surface Roughness (Rz-µm)	21	--	>75
Slip Resistance (BS 14231) (Dry)	73.8	73.8	95.3
Slip Resistance (BS 14231) (Wet)	47.5	47.5	72.6

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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.
