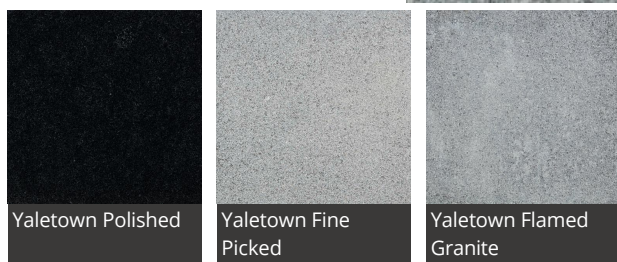


Yaletown Granite

Date Created: 26/07/19



*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.

Whether you're planning for pedestrian or vehicular trafficked areas, granite is an ideal option for its versatility, strength and durability.

Marshalls' Yaletown Granite is a mid-grey stone available in a flame textured, fine picked, bush hammered or polished finish. Yaletown Granite is suitable for both pedestrian or vehicular trafficked areas.

This granite offers excellent performance as paving, setts, kerbs, tactile, steps and in water management solutions. Yaletown Granite can also be used for street furniture or other bespoke specialised masonry items.

All Marshalls Granites are produced to ISO9001 quality assurance standards and tested to meet the appropriate UK standards. They are also CE marked in accordance with the latest legislation.

DESCRIPTION

Appearance	Small grey, black and white crystal granite
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	Light to medium whitish grey coarse grained Granite
CE Marking/DOP	https://www.marshalls.co.uk/dop



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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
Tolerances on Work Dimensions (mm)	Paving Class 1 tolerances to all dimensions as standard Setts Class 2 tolerances to all dimensions as standard Kerbs Class 2 tolerances to all dimensions as standard Others by agreement
Abrasion Resistance (mm)	16.5 mm Mean value to EN 14157 : 2004 (Hev = 17.8mm)
Durability (Freeze-thaw)	15/15.6 MPa (Mean values to EN 12371 : 2006)
Material Density	2808 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	0.39 % Mean value to EN 1936 : 2006
Compressive Strength (MPa)	240 MPa Mean value to EN 1926 : 2006 (Lev = 197 MPa)
Water Absorption (%)	0.17% Mean value to EN 13755 : 2008 (Hev = 0.26%)
Transverse/FlexuralSplit/Breaking	21 MPa Mean value to EN 12372 : 2006 (Lev = 17.9 MPa)

TEXTURE SPECIFIC PROPERTIES

MANUFACTURING

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

ERI Score	Our Score: 3.8 Cluster Score: 2.1
Carbon Footprint	
Yaletown Granite Paving 300 x RL x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 300 x RL x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 300 x RL x 75	132.3 kg CO2 m ²
Yaletown Granite Paving 450 x 450 x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 450 x 450 x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 450 x 450 x 75	132.3 kg CO2 m ²
Yaletown Granite Paving 450 x 900 x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 450 x 900 x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 450 x 900 x 75	132.3 kg CO2 m ²
Yaletown Granite Paving 450 x RL x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 450 x RL x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 450 x RL x 75	132.3 kg CO2 m ²
Yaletown Granite Paving 600 x 600 x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 600 x 600 x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 600 x 600 x 75	132.3 kg CO2 m ²
Yaletown Granite Paving 600 x 900 x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 600 x 900 x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 600 x 900 x 75	132.3 kg CO2 m ²



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	Polished	Fine Picked	Flamed
Light Reflectance Value (LRV)	10.41	27.81	21.1
Surface Roughness (Rz-µm)	1	>75	36
Slip Resistance (BS 14231) (Dry)	64	97	80
Slip Resistance (BS 14231) (Wet)	22	84	60

SUSTAINABILITY

Yaletown Granite Paving 600 x RL x 50	94.5 kg CO2 m ²
Yaletown Granite Paving 600 x RL x 63	113.4 kg CO2 m ²
Yaletown Granite Paving 600 x RL x 75	132.3 kg CO2 m ²
Yaletown Granite Setts 200 x 100 x 50	94.5 kg CO2 m ²
Yaletown Granite Setts 200 x 100 x 63	113.4 kg CO2 m ²
Yaletown Granite Setts 200 x 100 x 75	132.3 kg CO2 m ²
Yaletown Granite Setts 300 x 100 x 50	94.5 kg CO2 m ²
Yaletown Granite Setts 300 x 100 x 63	113.4 kg CO2 m ²
Yaletown Granite Setts 300 x 100 x 75	132.3 kg CO2 m ²
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Yaletown Granite Setts 300 x 200 x 50	94.5 kg CO2 m ²
Yaletown Granite Setts 300 x 200 x 63	113.4 kg CO2 m ²
Yaletown Granite Setts 300 x 200 x 75	132.3 kg CO2 m ²

FURTHER INFORMATION

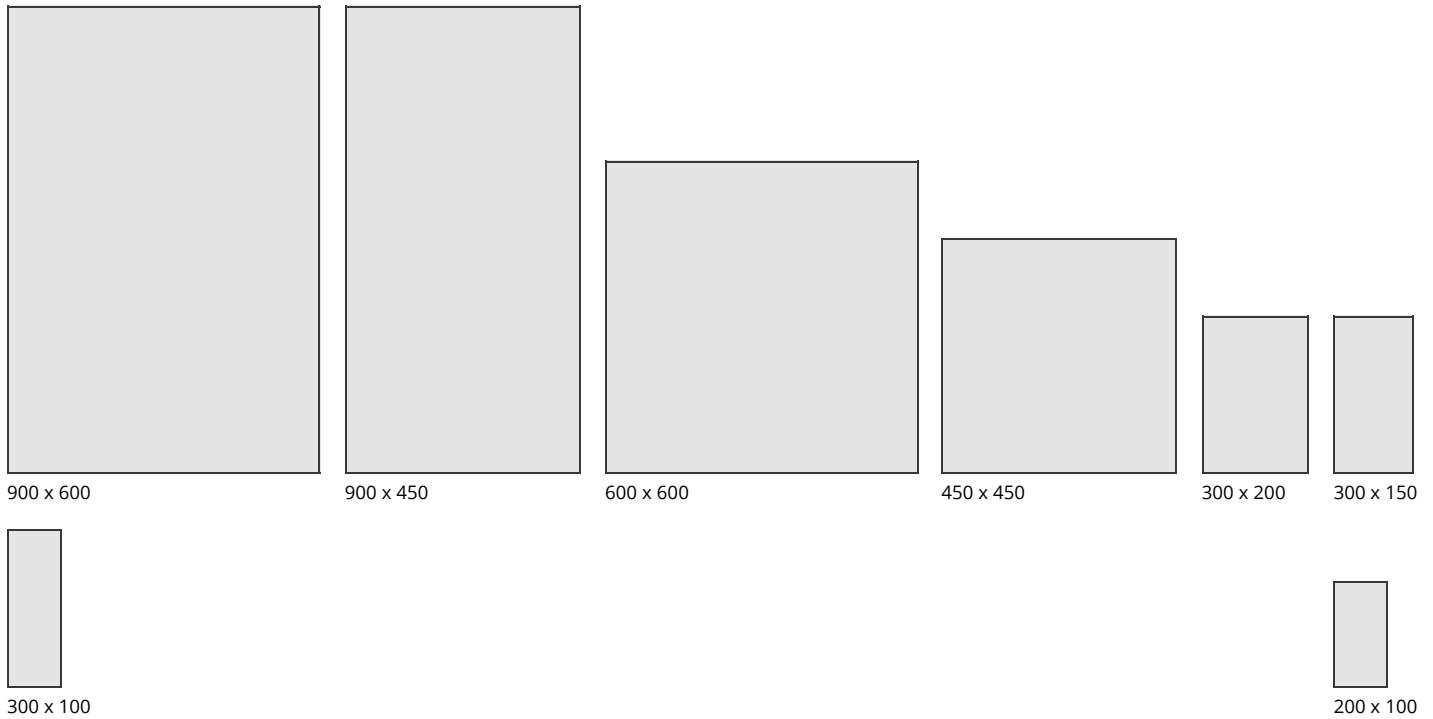
Contact Us For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233



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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.

