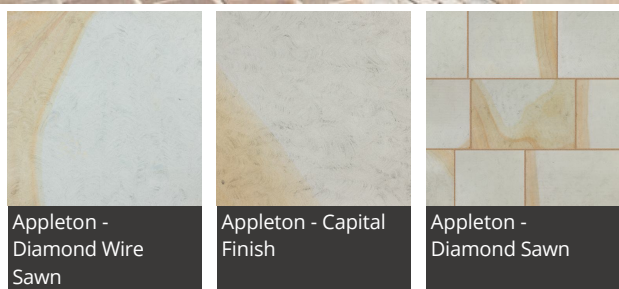


Appleton Yorkstone

Date Created: 07/02/19



*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.

Quarried in Huddersfield, Yorkshire, Appleton Yorkstone combines natural high slip resistance with strength, making it suitable for both pedestrian and trafficked areas.

With a blue/buff colouration, Appleton is extremely durable and hard-wearing. It is available for paving, kerb and tactile applications, as well as bespoke specialised masonry items.

Available in a Fine Sawn finish, Appleton is produced to the highest standards. Both Appleton Quarry and the manufacturing works are ISO9001 accredited as well as having ISO14001 environmental accreditation and OHSAS 18001 health and safety accreditation.

All Marshall's Yorkstones are fully tested to the appropriate standards and are CE marked in accordance with the latest legislation.

DESCRIPTION	
Appearance	Light blue grey to Brown
Manufacturing Process	Sawn
Geological Type	Millstone Grit series, Carboniferous sandstone
Quarry of Origin	Appleton Quarry, Shepley, Huddersfield
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	Pale greenish grey fine grained sandstone
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 63 450 x 450 x 75 900 x 450 x 50 900 x 450 x 63 900 x 450 x 75 900 x 600 x 50 600 x 600 x 50 600 x 600 x 63 600 x 600 x 75 900 x 600 x 63 900 x 600 x 75 200 x 100 x 100 200 x 100 x 50 200 x 100 x 63 200 x 100 x 75 300 x 100 x 50 300 x 100 x 63 300 x 100 x 75 300 x 150 x 50 300 x 150 x 63 300 x 150 x 75 300 x 200 x 50 300 x 200 x 63 300 x 200 x 75
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)	18.3mm (Mean value to EN 14157 : 2004 (Hev = 19.7mm))
Durability (Freeze-thaw)	21.9/19.7 MPa (Mean values to EN 12371 : 2006)
Material Density	2432 kg/m ³ (Mean value to EN 1936 : 2006)
Open Porosity (%)	10% (Mean value to EN 1936 : 2006)
Compressive Strength (MPa)	107 MPa (Mean value to EN 1926 : 2006 (Lev = 94 MPa))
Water Absorption (%)	3.24% (Mean value to EN 13755 : 2008 (Hev = 3.3%))
Transverse/FlexuralSplit/Breaking	15.15 MPa (Mean value to EN 12372 : 2006 (Lev = 14.37 MPa))

TEXTURE SPECIFIC PROPERTIES

	Diamond Sawm	Capital	Fine Sawm
Light Reflectance Value (LRV)	25.97	37.16	30.29
Surface Roughness (Rz-µm)	40	50	42

MANUFACTURING

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

ERI Score	Our Score: 4.3 Cluster Score: 3.3
	Carbon Footprint (KgCO ₂ each)
Appleton Yorkstone Kerbs 150 x 1000 x 300	7.45 kg CO ₂ lin m
Appleton Yorkstone Paving 300 x RL x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 300 x RL x 63	31.5 kg CO ₂ m ²
Appleton Yorkstone Paving 300 x RL x 75	37.5 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x 450 x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x 450 x 63	31.5 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x 450 x 75	37.5 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x 900 x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x 900 x 63	31.5 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x 900 x 75	37.5 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x RL x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x RL x 63	31.5 kg CO ₂ m ²
Appleton Yorkstone Paving 450 x RL x 75	37.5 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 900 x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 600 x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 600 x 63	31.5 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 600 x 75	37.5 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 900 x 50	25 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 900 x 63	31.5 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x 900 x 75	37.5 kg CO ₂ m ²
Appleton Yorkstone Paving 600 x RL x 50	25 kg CO ₂ m ²

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TEXTURE SPECIFIC PROPERTIES

Slip Resistance (BS 14231) (Dry)	85	80	78
Slip Resistance (BS 14231) (Wet)	76	75	72

SUSTAINABILITY

Appleton Yorkstone Paving 600 x RL x 63	31.5 kg CO2 m ²
Appleton Yorkstone Paving 600 x RL x 75	37.5 kg CO2 m ²
Appleton Yorkstone Setts 100 x 200 x 100	0.25 kg CO2 m ²
Appleton Yorkstone Setts 200 x 100 x 50	25 kg CO2 m ²
Appleton Yorkstone Setts 200 x 100 x 63	31.5 kg CO2 m ²
Appleton Yorkstone Setts 200 x 100 x 75	37.5 kg CO2 m ²
Appleton Yorkstone Setts 300 x 100 x 50	25 kg CO2 m ²
Appleton Yorkstone Setts 300 x 100 x 63	31.5 kg CO2 m ²
Appleton Yorkstone Setts 300 x 100 x 75	37.5 kg CO2 m ²
Appleton Yorkstone Setts 300 x 150 x 50	25 kg CO2 m ²
Appleton Yorkstone Setts 300 x 150 x 63	31.5 kg CO2 m ²
Appleton Yorkstone Setts 300 x 150 x 75	37.5 kg CO2 m ²
Appleton Yorkstone Setts 300 x 200 x 50	25 kg CO2 m ²
Appleton Yorkstone Setts 300 x 200 x 63	31.5 kg CO2 m ²
Appleton Yorkstone Setts 300 x 200 x 75	37.5 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

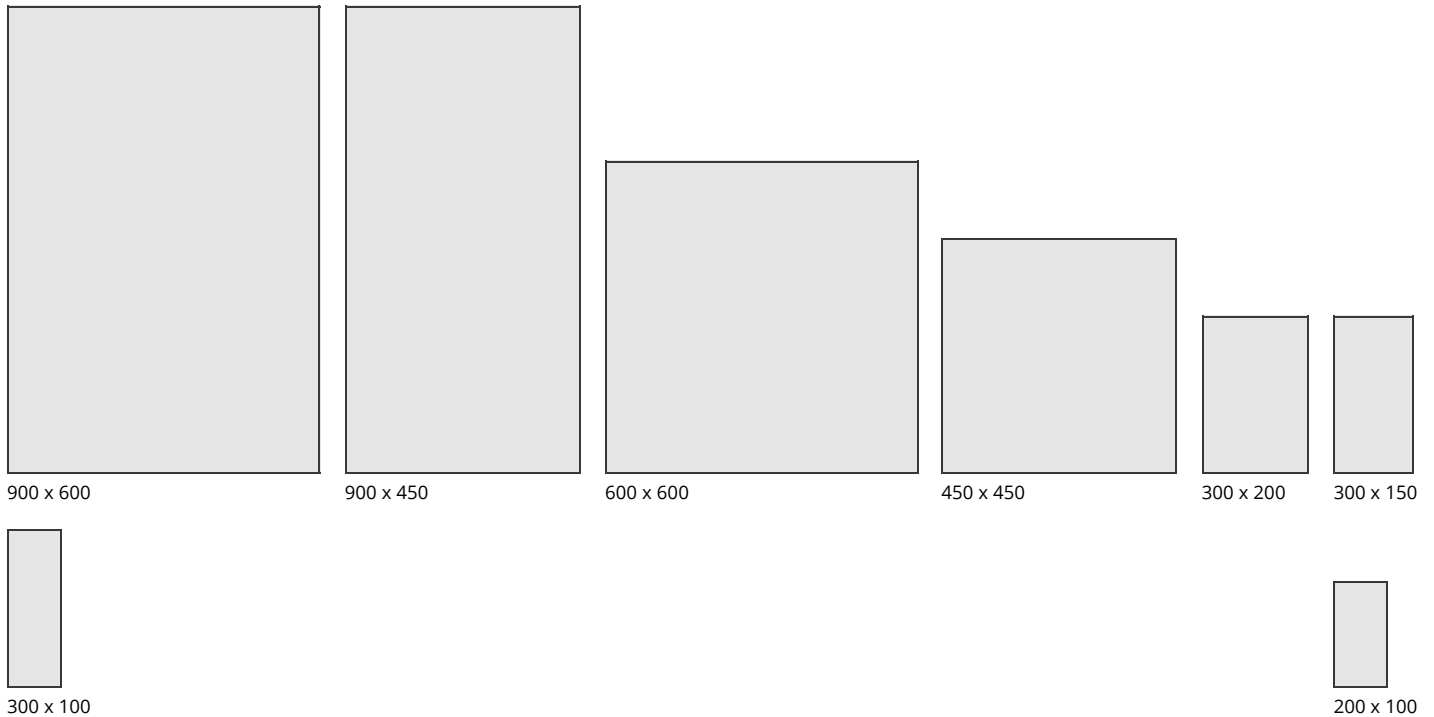


Federation
Stone
Great Britain

Appleton Yorkstone

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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.