

Description

Manufacturing Standard :	BS EN 1338: 2003
Manufacturing Process :	Semi dry pressed & vibrated concrete
	Precast Concrete Paving Blocks
Product Type:	Incorporates 50, 60 & 80mm Alpha Antique
Application:	Domestic and Commercial use; hardstanding for vehicular & pedestrian pavements including footpaths, cycle tracks, driveways, adoptable highways, commercial pavements, roof top and balcony applications etc. (please see www.brettlandscaping.co.uk for further guidance on applications)

Product Performance

Strength	Characteristic tensile splitting strength ≥ 3.6 Mpa; Failing load ≥ 250 N/mm
Abrasion Resistance	≤ 23 mm - Determined by Wide Wheel Abrasion Test
Durability	Class 3 $\leq 1,0$ kg/m ² with no individual result $\leq 1,5$ kg/m ²
Slip / Skid Resistance	Unpolished Slip Resistance Value ≥ 55 - Potential for slip - Low
Reaction to fire	Class A1 when used for internal flooring
External Fire Performance	Deemed to satisfy
Emission of asbestos	No content
Thermal Conductivity	1.2 W/(mK)

Dimensions (mm) & Typical Unit Weights (Kg)

<u>Product</u>	<u>Nominal Dims (mm)</u>	<u>Working Dims (mm)</u>	<u>Unit Weight (kg)</u>
Alpha Block Paving 50mm	Small	105x140	1.6
	Medium	140x140	2.0
	Large	210x140	3.0
Alpha Block Paving 60mm	Small	105x140	1.9
	Medium	140x140	2.5
	Large	210x140	3.7
Alpha Block Paving 80mm	Small	105x140	2.3
	Medium	140x140	3.0
	Large	210x140	4.6
Tolerance on Working Dimensions	Thickness ± 3 mm; Plan size ± 2 mm		
Chamfer	Aged		

Product Information

Design Standard	BS 7533-101:2021
Installation Standard	BS 7533-3:2005 + A1:2009
NBS Specification	45-20-64/400 Precast concrete paving blocks Q24 110 112 113, Q25 335
Colour	Autumn Gold, Brindle, Burnt Oak, Charcoal, Silver Haze
Other	BREEAM - Concrete Block Paving, CBP 60mm: A rating, as per the BRE Green Guide, 4th Edition 2009, A+ rating can be achieved when used in conjunction with a prepared recycled sub-base. CBP 80mm: B rating, as per the BRE Green Guide, 4th Edition 2009, A rating can be achieved when used in conjunction with a prepared recycled sub-base.

<u>Product</u>	<u>Size</u>	<u>No. per pack</u>	<u>No. per m2</u>	<u>m2 per pack</u>	<u>Pack Weight (kg)</u>	<u>Pack Type</u>
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Alpha Block Paving 50mm	Small	732	68	10.76	1147	Void
	Medium	552	51	10.82	1136	Void
	Large	368	34	10.82	1118	Void
Alpha Block Paving 60mm	Small	702	68	10.32	1300	Void
	Medium	528	51	10.35	1300	Void
	Large	352	34	10.35	1300	Void
Alpha Block Paving 80mm	Small	510	68	7.50	1174	Void
	Medium	384	51	7.53	1162	Void
	Large	256	34	7.53	1174	Void

Useful Links

Brett Website - Domestic	https://www.brettpaving.co.uk/home-owners/block-paving-1/traditional-2/alpha/
Brett Website - Commercial	https://www.brettpaving.co.uk/commercial/block-paving/alpha-antique-1/
NBS Specification	https://www.ribaproductselector.com/Product.aspx?ci=6218&pr=BrettLandscaping-AlphaBlockPaving
BIM Model	TBA
Cleaning & Maintenance	https://www.brettpaving.co.uk/knowledge-hub/maintenance-guides/

Contact Details

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