



Alpha Block Paving Circle Pack

Technical Data Sheet

Issue Ref: ABPCP:1

Description

Manufacturing Standard : **BS EN 1338: 2003**
 Manufacturing Process : Semi dry pressed & vibrated concrete
 Product Type: Precast Concrete Paving Blocks
 Incorporates 50 & 60mm Alpha Circle

Application: Domestic and Lightly Loaded Commercial use; hardstanding for vehicular & pedestrian pavements including footpaths, cycle tracks, driveways, emergency access routes, roof coverings etc. (please see www.brettpaving.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/m² with no individual result $\leq 1,5$ kg/m²
 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)

Product	Size / Code	Working. Dims (mm)	Unit Weight (kg)
Alpha Circle Pack 50mm 2.95m Diameter	Centre	140x140	1.6
	Wedge	155x140	1.7
	Taper	116x140	1.6
	Rectangle	105x140	1.6
Alpha Circle Pack 60mm 2.95m Diameter	Centre	140x140	2.0
	Wedge	155x140	2.1
	Taper	116x140	1.9
	Rectangle	105x140	1.9

Tolerance on Working Dimensions Thickness ± 3 mm; Plan size ± 2 mm
 Chamfer Aged

Product Information

Design Standard BS 7533-1:2001; BS 7533-2:2001
 Installation Standard BS 7533-3:2005 + A1:2009
 NBS Specification 45-20-64/400 Precast concrete paving blocks Q24 10 110 112 113, Q25 335
 Colour Autumn Gold, Brindle, Burnt Oak, Charcoal, Silver Haze
 Other Aging characteristics can vary according to product type. Please contact for clarification.

<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>
Alpha Circle Pack 50mm 2.95m Diameter	Centre	7	n/a	6.84	788	Pallet
	Wedge	21	n/a			
	Taper	217	n/a			
	Rectangle	252	n/a			
Alpha Circle Pack 60mm 2.95m Diameter	Centre	7	n/a	6.84	920	Pallet
	Wedge	21	n/a			
	Taper	217	n/a			
	Rectangle	252	n/a			

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	https://www.nationalbimlibrary.com/brett-landscaping/concrete-block-alpha
Cleaning & Maintenance	https://www.brettpaving.co.uk/knowledge-hub/maintenance-guides/

Contact Details

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