



## Alpha Block Paving Range

## Technical Data Sheet

Issue Ref: ABPR:1

### Description

Manufacturing Standard : **BS EN 1338: 2003**  
 Manufacturing Process : Semi dry pressed & vibrated concrete  
 Product Type: Precast Concrete Paving Blocks  
 Incorporates 50 - 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.brett paving.co.uk](http://www.brett paving.co.uk) for further guidance on applications)

### Product Performance

Strength Characteristic tensile splitting strength  $\geq 3.6$  Mpa; Failing load  $\geq 250$  N/mm  
 Abrasion Resistance  $\leq 23$ mm - Determined by Wide Wheel Abrasion Test  
 Durability Class 3  $\leq 1,0$ kg/m<sup>2</sup> with no individual result  $\leq 1,5$ kg/m<sup>2</sup>  
 Slip / Skid Resistance Unpolished Slip Resistance Value  $\geq 55$  - 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 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
	Jumper	210x280	7.1
Alpha Block Paving 80mm	Small	105x140	2.5
	Medium	140x140	3.2
	Large	210x140	4.9

Tolerance on Working Dimensions Thickness  $\pm 3$ mm; Plan size  $\pm 2$ 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 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 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
	Jumper	168	17	9.88	1200	Pallet
Alpha Block Paving 80mm	Small	510	68	7.50	1280	Void
	Medium	384	51	7.53	1280	Void
	Large	256	34	7.53	1280	Void

### **Useful Links**

Brett Website - Domestic	<a href="https://www.brettpaving.co.uk/home-owners/block-paving-1/traditional-2/alpha/">https://www.brettpaving.co.uk/home-owners/block-paving-1/traditional-2/alpha/</a>
Brett Website - Commercial	<a href="https://www.brettpaving.co.uk/commercial/block-paving/alpha-antique-1/">https://www.brettpaving.co.uk/commercial/block-paving/alpha-antique-1/</a>
NBS Specification	<a href="https://www.ribaproductselector.com/Product.aspx?ci=6218&amp;pr=BrettLandscaping-AlphaBlockPaving">https://www.ribaproductselector.com/Product.aspx?ci=6218&amp;pr=BrettLandscaping-AlphaBlockPaving</a>
BIM Model	<a href="https://www.nationalbimlibrary.com/brett-landscaping/concrete-block-alpha">https://www.nationalbimlibrary.com/brett-landscaping/concrete-block-alpha</a>
Cleaning & Maintenance	<a href="https://www.brettpaving.co.uk/knowledge-hub/maintenance-guides/">https://www.brettpaving.co.uk/knowledge-hub/maintenance-guides/</a>

### **Contact Details**

Telephone	0345 608 0570
E-Mail	<a href="mailto:project.designer@brett.co.uk">project.designer@brett.co.uk</a>