

Description

Manufacturing Standard : **BS EN 1338: 2003**
 Manufacturing Process : Semi dry pressed & vibrated concrete
 Product Type: Precast Concrete Paving Blocks
 Incorporates 50 - 80mm Omega, Half Omega and Bishops Hat Block Paving

Application: Domestic and Commercial use; hardstanding for vehicular & pedestrian pavements including footpaths, cycle tracks, driveways, adoptable highways, commercial pavements, heavy duty pavements, roof top and balcony applications 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)
Omega Block Paving 50mm	Full Block	200x100	2.2
Omega Block Paving 60mm	Full Block	200x100	2.6
Omega Block Paving 80mm	Full Block	200x100	3.6

Tolerance on Working Dimensions Thickness ± 3 mm ; Plan Size ± 2 mm
 Chamfer 6mm x 4mm

Product Information

Design Standard BS 7533-1:2001; BS 7533-2:2001; Heavy Duty Pavement Design Manual
 Installation Standard BS 7533-3:2005 + A1:2009
 NBS Specification 45-20-64/400 Precast concrete paving blocks / Q24 110 112 113
 Colour Autumn Gold, Brindle, Buff, Burnt Oak, Charcoal, Natural, Red
 Other Not applicable

<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>
Omega Block Paving 50mm	Full Block	488	50	9.76	1074	Void
Omega Block Paving 60mm	Full Block	404	50	8.08	1090	Void
Omega Block Paving 80mm	Full Block	308	50	6.16	1097	Void

Useful Links

Brett Website - Domestic	https://www.brett paving.co.uk/home-owners/block-paving-1/value-2/omega/
Brett Website - Commercial	https://www.brett paving.co.uk/commercial/block-paving/omega-1/
NBS Specification	https://www.ribaproductselector.com/Product.aspx?ci=6218&pr=BrettLandscaping-OmegaBlockPaving
BIM Model	https://www.nationalbimlibrary.com/en-gb/brett-landscaping/omega/
Cleaning & Maintenance	https://www.brett paving.co.uk/knowledge-hub/maintenance-guides/

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