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Omega Block Paving

Technical Data Sheet

Issue Ref: OBP:1

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	≤ 23mm - Determined by Wide Wheel Abrasion Test
Durability	Class 3 ≤ 1,0kg/m² with no individual result ≤ 1,5kg/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 ± 3mm ; Plan Size ± 2mm
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

Product	Size	No. per pack	No. per m²	m² per pack	Pack Weight (kg)	Pack Type
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.brettpaving.co.uk/home-owners/block-paving-1/value-2/omega/
Brett Website - Commercial	https://www.brettpaving.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.brettpaving.co.uk/knowledge-hub/maintenance-guides/

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