

Description

Manufacturing Standard :	BS EN 1338: 2003
Manufacturing Process :	Semi dry pressed & vibrated concrete
	Precast Concrete Permeable Paving Blocks
Product Type:	Incorporates 60 and 80mm Omega Flow
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.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	Class 3 - ≤ 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	PTV 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	Nominal Dims (mm)	Working Dims (mm)	Unit Weight (kg)
Omega Flow Block Paving 60mm	200x100x60	203x103x60	2.6
Omega Flow Block Paving 80mm	200x100x80	203x103x80	3.6
Tolerance on Working Dimensions	Thickness ± 3 mm ; Plan Size ± 2 mm		
Chamfer	6mm x 2mm		

Product Information

Design Standard	BS 7533-13: 2009
Installation Standard	BS 7533-3: 2005 + A1: 2009
NBS Specification	45-20-64/400 Precast concrete paving blocks / Q24 115 117 119
Colour	Autumn Gold, Brindle, Burnt Oak, Charcoal, Natural
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. Surface permeability of 4265 mm/h when tested to BS DD 229:1996

Product	Size	No. per pack	No. per m ²	m ² per pack	Pack Weight (kg)	Pack Type
Omega Flow Block Paving 60mm	200x100x60	404	50	8.08	1015	Void
Omega Flow Block Paving 80mm	200x100x80	308	50	6.16	1090	Void

Useful Links

Brett Website - Domestic	https://www.brett paving.co.uk/home-owners/permeable-paving-1/value-3/omega-flow-1/
Brett Website - Commercial	https://www.brett paving.co.uk/commercial/machine-lay/omega-flow-2/
NBS Specification	https://www.ribaproductselector.com/SearchAll.aspx?s=omega+flow+permeable+block+paving
BIM Model	TBA BIMSTORE
Cleaning & Maintenance	https://www.brett paving.co.uk/knowledge-hub/maintenance-guides/

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