

### Description

Manufacturing Standard :	<b>BS EN 1338: 2003</b>
Manufacturing Process :	Semi dry pressed & vibrated concrete
	Precast Concrete Permeable Paving Blocks
Product Type:	Incorporates 60 and 80mm Omega Flow Clusters suitable for machine installation
Application:	Commercial use; hardstanding for vehicular & pedestrian pavements including footpaths, cycle tracks, driveways, adoptable highways, commercial pavements, roof top and balcony applications etc. (please see <a href="http://www.brettlandscaping.co.uk">www.brettlandscaping.co.uk</a> 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)

<u>Product</u>	<u>Nominal Dims (mm)</u>	<u>Working Dims (mm)</u>	<u>Unit Weight (kg)</u>
Omega Flow Block Paving 80mm Machine Lay	215x115x80	215x115	3.6
Tolerance on Working Dimensions	Thickness $\pm 3$ mm ; Plan Size $\pm 2$ mm		
Chamfer	6mmx2mm		

### 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

<u>Product</u>	<u>Size</u>	<u>No. per pack</u>	<u>No. per m<sup>2</sup></u>	<u>m<sup>2</sup> per pack</u>	<u>Pack Weight (kg)</u>	<u>Pack Type</u>
Omega Flow Block Paving 80mm Machine Lay	215x115x80	384	50	7.68	1313	Pallet

### Useful Links

Brett Website - Domestic	<a href="https://www.brett paving.co.uk/commercial/machine-lay/omega-flow-2/">https://www.brett paving.co.uk/commercial/machine-lay/omega-flow-2/</a>
Brett Website - Commercial	<a href="https://www.brett paving.co.uk/commercial/machine-lay/omega-flow-2/">https://www.brett paving.co.uk/commercial/machine-lay/omega-flow-2/</a>
NBS Specification	<a href="https://www.ribaproductselector.com/SearchAll.aspx?s=omega+flow+permeable+block+paving">https://www.ribaproductselector.com/SearchAll.aspx?s=omega+flow+permeable+block+paving</a>
BIM Model	<a href="#">Currently unavailable</a>

## Contact Details

Telephone 0345 608 0570

E-Mail [project.designer@brett.co.uk](mailto:project.designer@brett.co.uk)