

## Description

Manufacturing Standard :	<b>BS EN 1338: 2003</b>
Manufacturing Process :	Semi dry pressed & vibrated concrete
	Precast Concrete Paving Blocks
Product Type:	Incorporates 80mm Zeta Lock Heavy Duty Block Paving, Zeta Lock Closure Pack suitable for hand installation
Application:	Commercial use; ideal for heavily trafficked areas and larger commercial applications, such as ports, container yards and airports. (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>
Zeta Lock Block Paving 80mm	205x102.5	205x102.5	3.5
Zeta Lock Closure Pack 80mm	Large	205x102.5	3.5
	Small	102.5x102.5	
Tolerance on Working Dimensions	Thickness $\pm 3$ mm ; Plan Size $\pm 2$ mm		
Chamfer	6mm x 4mm		

## Product Information

Design Standard	BS 7533-101:2021; 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	Natural, Charcoal
Other	BREEAM - Concrete Block Paving. 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.

<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>
Zeta Lock Block Paving 80mm	205x102.5	308	48	6.42	1067	Pallet
Zeta Lock Closure Pack 80mm	Large	190	n/a	10.08	1650	Pallet
	Small	580				

## Useful Links

Brett Website - Domestic	<a href="#">TBA BIMSTORE</a>
Brett Website - Commercial	<a href="https://www.brett paving.co.uk/commercial/block-paving/zeta-lock/">https://www.brett paving.co.uk/commercial/block-paving/zeta-lock/</a>
NBS Specification	<a href="https://www.ribaproductselector.com/Product.aspx?ci=6218&amp;pr=BrettLandscaping-ZetaLockBlockPaving">https://www.ribaproductselector.com/Product.aspx?ci=6218&amp;pr=BrettLandscaping-ZetaLockBlockPaving</a>
BIM Model	<a href="#">TBA BIMSTORE</a>
Cleaning & Maintenance	<a href="https://www.brett paving.co.uk/knowledge-hub/maintenance-guides/">https://www.brett paving.co.uk/knowledge-hub/maintenance-guides/</a>

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