

## Description

Manufacturing Standard :	<b>BS EN 1338: 2003</b>
Manufacturing Process :	Agg-Tech semi dry pressed & vibrated concrete
Product Type:	Precast Concrete Paving Blocks Incorporates 80mm Lugano
Application:	Domestic and 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

## Product Performance

Strength	Characteristic tensile splitting strength $\geq 3.6$ Mpa; Failing load $\geq 250$ N/mm
Abrasion Resistance	Class 4 - $\leq 20$ 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	PTV 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)

Product	Nominal Dims (mm)	Working Dims (mm)	Unit Weight (kg)
Lugano Block Paving 80mm Cliffe	200x100	200x100	3.86
	200x200	200x200	7.72
	300x100	300x100	5.79
	300x200	300x200	11.59
Tolerance on Working Dimensions	Thickness $\pm 3$ mm ; Plan Size $\pm 2$ mm		
Chamfer	Textured Finish		

## Product Information

Design Standard	BS 7533-101: 2021
Installation Standard	BS 7533-3: 2005 + A1: 2009
NBS Specification	45-20-64/400 Precast concrete paving blocks / Q24 110 112 113
Colour	Graphite Grey, Misty Grey, Rosa
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.

Product	Size	No. per pack	No. per m <sup>2</sup>	m <sup>2</sup> per pack	Pack Weight (kg)	Pack Type
Lugano Block Paving 80mm Cliffe	200x100	336	50	6.72	1327	Pallet
	200x200	168	25	6.72	1327	Pallet
	300x100	224	33.33	6.72	1327	Pallet
	300x200	112	16.67	6.72	1327	Pallet

## Useful Links

Brett Website - Domestic	<a href="https://www.brettpaving.co.uk/commercial/block-paving/lugano-1/">https://www.brettpaving.co.uk/commercial/block-paving/lugano-1/</a>
Brett Website - Commercial	<a href="https://www.brettpaving.co.uk/commercial/block-paving/lugano-1/">https://www.brettpaving.co.uk/commercial/block-paving/lugano-1/</a>
NBS Specification	<a href="https://www.ribaproductselector.com/Product.aspx?ci=6218&amp;pr=BrettLandscaping-LuganoBlockPaving">https://www.ribaproductselector.com/Product.aspx?ci=6218&amp;pr=BrettLandscaping-LuganoBlockPaving</a>
BIM Model	<a href="#">TBA</a>
Cleaning & Maintenance	<a href="https://www.brettpaving.co.uk/knowledge-hub/maintenance-guides/">https://www.brettpaving.co.uk/knowledge-hub/maintenance-guides/</a>

## Contact Details

Telephone

0345 608 0570

E-Mail

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