

Description

Manufacturing Standard :	BS EN 1338: 2003
Manufacturing Process :	Semi dry pressed & vibrated concrete
	Precast Concrete Permeable Paving Blocks
Product Type:	Incorporates 60mm & 80mm Lugano 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 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)

<u>Product</u>	<u>Nominal Dims (mm)</u>	<u>Working Dims (mm)</u>	<u>Unit Weight (kg)</u>
Lugano Flow Block Paving	200x100x60	203x103x60	3.01
	200x100x80	203x103x80	3.77
Tolerance on Working Dimensions	Thickness ± 3 mm ; Plan Size ± 2 mm		
Chamfer	6mm x 2mm		

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 115 117 119
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. 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 m²</u>	<u>m² per pack</u>	<u>Pack Weight (kg)</u>	<u>Pack Type</u>
Lugano Flow Block Paving	200x100x60	432	50	8.64	1300	Void
	200x100x80	336	50	6.72	1266	Void

Useful Links

Brett Website - Domestic	https://www.brettlandscaping.co.uk/product/lugano-flow/
Brett Website - Commercial	https://www.brettlandscaping.co.uk/professional/product/lugano-flow/
NBS Specification	https://source.thenbs.com/product/lugano-flow-block-paving/nZBSHqt478hrfBkqhKALMP/ugBMzdcbofiFDvGbEPnEVo
BIM Model	TBA
Cleaning & Maintenance	https://www.brettlandscaping.co.uk/download/

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