



## Declaration of Performance

Product code	BBD
Product type	Dense, solid
Intended use	In walls, columns and partitions
Manufacturer	Build Bloc Limited Gill Aggregates Haylard Street Dagenham RM9 6RJ
Authorized Representative	n/a
System of Assessment & Verification of Constancy of Performance	4
Harmonised standard number	BSEN771-3:2001 +A1:2015

Essential Characteristics		Performance
Dimensions (1)	Length	290mm,390mm,440mm
	Width	75mm,100mm,140mm,190mm 215mm,300mm,440mm
	Height	100mm,140mm,190mm,215mm
	Tolerance	D1
	Shape & features	NPD
	Group according EN 1996-1-1 (EC6)	Group 1
Compressive strength (1)	Mean Compressive strength	3.6 - 30N/mm <sup>2</sup> (Unit Strength)
	Direction of load	Perpendicular to bed faces
	Unit category	Category II
Dimensional stability (1)		<0.6mm/m
Bond strength (1)	Shear bond strength	0.15N/mm <sup>2</sup> (tabulated Value)
	Flexural bond strength	NPD
Reaction to fire (2)		A1

Water absorption (3)		8.5 g/m <sup>2</sup> .s
Water vapour permeability (4)		5/15 (Tabulated value)
Direct airborne sound insulation (5) (in end conditions )/ [Density and configuration]	Gross density	1960 kg/m <sup>3</sup>
	Configuration; dimensions and tolerances	Group 1 (solid)
Thermal resistance/ [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements)		$\lambda$ 1.07 W/(mK) <sub>10, dry mat</sub>
		1960kg/m <sup>3</sup> (Density)
Durability against freeze/thaw		< 7.2, Requires protection      >7.2, Frost resistant
Dangerous substances		NPD

- (1) for units intended to be used in elements subject to structural requirements  
(2) for units intended to be used in elements subject to fire requirements  
(3) for units intended to be used in damp proof courses or in external elements with exposed face  
(4) for units intended to be used in external elements  
(5) for units to be used in elements subject to acoustic requirements

The performance of the product identified above is in conformity with the declared performance.

The declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

**Signed for and on behalf of the manufacturer by:**

**Name:**                      Hapi Gill, Director

**Signature:**

**Valid From:**              28/02/2020