

# Product Technical Information Sheet

## Blockleys Synthesis S05

Configuration:	Vertically Perforated Clay Facing Brick		
Size:	215 x 102.5 x 65 mm		
Dimensional Tolerance:	T2	Dimensional Range:	R1
Density (net):	2290 Kg/m <sup>3</sup>	Density Tolerance:	D1
Density (gross):	1640 Kg/m <sup>3</sup>		
Compressive Strength:	50 N/mm <sup>2</sup>	Compressive Strength Category:	II
Water Absorption:	12 %	Initial Rate of Water Absorption:	1.3
Durability Category:	F2	Soluble Salts Category:	S2
Thermal Conductivity: (P=50)	0.72 W/m.K	Thermal Resistance P=50:	0.14 m <sup>2</sup> .K/W
Thermal Conductivity: (P=90)	0.79 W/m.K	Thermal Resistance P=90:	0.13 m <sup>2</sup> .K/W
Water Vapour Permeability Coefficient:	50/100	Bond Strength (fixed value):	0.15 N/mm <sup>2</sup>
Dangerous Substances:	Not Applicable	Void Percentage:	23 - 28 %
Recycled Content:	0 %	Reaction to Fire:	Class A1

Clay bricks are manufactured and supplied to relevant clauses of BS EN 771-1.

Declarations of performance, environmental and other policies can be found on the company website: [www.mbhplc.co.uk](http://www.mbhplc.co.uk). Further information is available via our sales department on 0844 931 0022 or email [sales@mbhplc.co.uk](mailto:sales@mbhplc.co.uk)



Technical data correct at the time of issue. Please order a sample for accurate representation of product.

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