

Product Technical Information Sheet

Blockleys™

Synthesis S05

Configuration (EN 771.1):	Vertically Perforated Clay Facing Brick	Dimensions:	215 x 102.5 x 65 mm
Compressive Strength:	>= 50 N/mm ²	Dimensional Tolerance:	T2
Compressive Strength Category:	II	Dimensional Range:	R1
Freeze/Thaw Resistance:	F2	Water Absorption:	=< 12 %
Soluble Salts Content Category:	S2	Initial Rate of Water Absorption:	1.3 kg/m ² .min
Reaction to Fire:	Class A1	Dangerous Substances:	N/A
Thermal Conductivity (P = 50):	0.72 W/m.K	Thermal Resistance (P = 50):	0.14 m ² .K/W
Thermal Conductivity (P = 90):	0.79 W/m.K	Thermal Resistance (P = 90):	0.13 m ² .K/W
Void Percentage:	23 - 28 %	Net Dry Density:	2290 kg/m ³
Water Vapour Permeability Coefficient:	50/100	Gross Dry Density:	1640 kg/m ³
Bond Strength (fixed value):	0.15 N/mm ²	Density Tolerance:	D1
Quantity per Pack:	400	Recycled Content:	0 %
Product Weight:	2.7 kg	DoP common root reference code:	--BL65FABBL--
Products per Square Metre:	60		

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. Further information is available via our sales department on 0844 931 0022 or email sales@mbhplc.co.uk.

