MICHELMERSH
Britain's Brick Specialists

Product Technical Information Sheet

Blockleys™

Synthesis S12

Configuration (EN 771.1):	Vertically Perforated Clay Facing Brick		Dimensions:	215 x 102.5 x 65 mm	
Compressive Strength:	>= 50	N/mm²	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/m².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	m².K/W
Thermal Conductivity (P = 90):	0.79	W/m.K	Thermal Resistance (P = 90):	0.13	m².K/W
Void Percentage:	23 - 28	%	Net Dry Density:	2290	kg/m³
Water Vapour Permeability Coefficient:	50/100		Gross Dry Density:	1640	kg/m³
Bond Strength (fixed value):	0.15	N/mm²	Density Tolerance:	D1	
Quantity per Pack:	400		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**.

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

Issue Date: 09/06/2026