

Product Technical Information Sheet

Freshfield Lane™

Synthesis S21

Configuration (EN 771.1):	Frogged Clay Facing Brick		Dimensions:	215 x 102.5 x 65 mm	
Compressive Strength:	>= 27	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:	2.5	kg/m².min
Reaction to Fire:	Class A1		Dangerous Substances:	N/A	
Thermal Conductivity (P = 50):	0.45	W/m.K	Thermal Resistance (P = 50):	0.23	m².K/W
Thermal Conductivity (P = 90):	0.51	W/m.K	Thermal Resistance (P = 90):	0.2	m².K/W
Void Percentage:	6 - 11	%	Net Dry Density:	1690	kg/m³
Water Vapour Permeability Coefficient:	5/10		Gross Dry Density:	1460	kg/m³
Bond Strength (fixed value):	0.15	N/mm²	Density Tolerance:	D1	
Quantity per Pack:	400		Recycled Content:	0	%
Product Weight:	2.225	kg	DoP common root reference code:	--FL65FAB--	
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.

