

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.

