MICHELMERSH
Britain's Brick Specialists

Product Technical Information Sheet

Floren.be™

i-line FR5 Polaris

Configuration (EN 771.1):	Vertically Perforated Clay Facing Brick		Dimensions:	270 x 83 x 50 mm	
Compressive Strength:	>= 35	N/mm²	Dimensional Tolerance:	T2	
Compressive Strength Category:	I		Dimensional Range:	R2	
Freeze/Thaw Resistance:	F2		Water Absorption:	=< 10	%
Soluble Salts Content Category:	S2		Initial Rate of Water Absorption:	0.5 - 1.5	kg/m².min
Reaction to Fire:	Class A1		Dangerous Substances:	N/A	
Thermal Conductivity (P = 50):	0.55	W/m.K	Thermal Resistance (P = 50):	0.15	m².K/W
Thermal Conductivity (P = 90):	0.63	W/m.K	Thermal Resistance (P = 90):	0.13	m².K/W
Void Percentage:	20 - 24	%	Net Dry Density:	1950	kg/m³
Water Vapour Permeability Coefficient:	5/10		Net Density Tolerance:	D1	
Bond Strength (fixed value):	0.15	N/mm²	Gross Dry Density:	1700	kg/m³
Quantity per Pack:	460		Gross Density Tolerance:	Dm(20%)	
Product Weight:	2.05	kg	DoP common root reference code:	Nr.1-Gr1a 21-12-2022	
Products per Square Metre:	60				

Clay bricks are manufactured and supplied to relevant clauses of 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.

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