

Product Technical Information Sheet

Floren.be™

i-line FR5 Polaris

Configuration (EN 771.1):	Vertically Perforated Clay Facing Brick	Dimensions:	275 x 85 x 50 mm
Compressive Strength:	>= 35 N/mm ²	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/m ² .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 m ² .K/W
Thermal Conductivity (P = 90):	0.63 W/m.K	Thermal Resistance (P = 90):	0.13 m ² .K/W
Void Percentage:	20 - 24 %	Net Dry Density:	1950 kg/m ³
Water Vapour Permeability Coefficient:	5/10	Net Density Tolerance:	D1
Bond Strength (fixed value):	0.15 N/mm ²	Gross Dry Density:	1700 kg/m ³
Quantity per Pack:	460	Gross Density Tolerance:	Dm(20%)
Recycled Content:	0 %	Product Weight:	2.05 kg
DoP common root reference code:	Nr.1-Gr1a 21-12-2022	Products per Square Metre:	59

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.

