

# Product Technical Information Sheet

Carlton™

## Weathered Red

Configuration (EN 771.1):	Vertically Perforated Clay Facing Brick	Dimensions:	215 x 102.5 x 73 mm
Compressive Strength:	>= 40 N/mm <sup>2</sup>	Dimensional Tolerance:	T2
Compressive Strength Category:	II	Dimensional Range:	R1
Freeze/Thaw Resistance:	F2	Water Absorption:	=< 10 %
Soluble Salts Content Category:	S2	Initial Rate of Water Absorption:	1.5 kg/m <sup>2</sup> .min
Reaction to Fire:	Class A1	Dangerous Substances:	N/A
Thermal Conductivity (P = 50):	0.62 W/m.K	Thermal Resistance (P = 50):	0.17 m <sup>2</sup> .K/W
Thermal Conductivity (P = 90):	0.69 W/m.K	Thermal Resistance (P = 90):	0.15 m <sup>2</sup> .K/W
Void Percentage:	26 - 30 %	Net Dry Density:	2100 kg/m <sup>3</sup>
Water Vapour Permeability Coefficient:	50/100	Gross Dry Density:	1500 kg/m <sup>3</sup>
Bond Strength (fixed value):	0.15 N/mm <sup>2</sup>	Density Tolerance:	D1
Quantity per Pack:	464	Product Weight:	2.71 kg
DoP common root reference code:	--CT73FABR--	Products per Square Metre:	54

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](http://www.mbhplc.co.uk). Further information is available via our sales department on 0844 931 0022 or email [sales@mbhplc.co.uk](mailto:sales@mbhplc.co.uk).

