

MATERIAL SPECIFICATION STATEMENT

Land adjacent to Ribblesdale Avenue, Clitheroe, Lancashire.



Job ref: 7027
Date: APRIL 2024

Walls – Proposed Dwelling and Garage

All external walls are to be Michelmersh Hadley Brindle Smooth brickwork.



Product Technical Information Sheet

Blockleys™

Hadley Brindle Smooth

Configuration (EN 771.1):	Vertically Perforated Clay Facing Brick		Dimensions:	215 x 102.5 x 65 mm	
Compressive Strength:	≥ 50	N/mm ²	Dimensional Tolerance:	T2	
Compressive Strength Category:	II		Dimensional Range:	R2	
Freeze/Thaw Resistance:	F2		Water Absorption:	≤ 12	%
Soluble Salts Content Category:	S2		Initial Rate of Water Absorption:	1.3	kg/m ² .min
Reaction to Fire:	Class A1		Dangerous Substances:	N/A	
Thermal Conductivity (P = 50):	0.72	W/m.K	Thermal Resistance (P = 50):	0.14	m ² .K/W
Thermal Conductivity (P = 90):	0.79	W/m.K	Thermal Resistance (P = 90):	0.13	m ² .K/W
Void Percentage:	23 - 28	%	Net Dry Density:	2290	kg/m ³
Water Vapour Permeability Coefficient:	50/100		Gross Dry Density:	1640	kg/m ³
Bond Strength (fixed value):	0.15	N/mm ²	Density Tolerance:	D1	
Quantity per Pack:	400		Recycled Content:	0	%
Product Weight:	2.7	kg	DoP common root reference code:	-BL65FABR-	
Products per Square Metre:	60		Other Sizes Available:	215 x 102.5 x 73 mm	

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.mbhptc.co.uk. Further information is available via our sales department on 0844 931 0022 or email sales@mbhptc.co.uk.



Technical data correct at the time of issue. Please order a sample for accurate representation of product.

Issue Date: 06/02/2024

Fig 01_Datasheet for Michelmersh Hadley Brindle Smooth brickwork.



Fig 02_Image showing likeness between proposed brickwork and existing boundary wall.

Roof – Proposed Dwelling and Garage

Material finish to proposed dwelling and garage roof to be concrete tile.

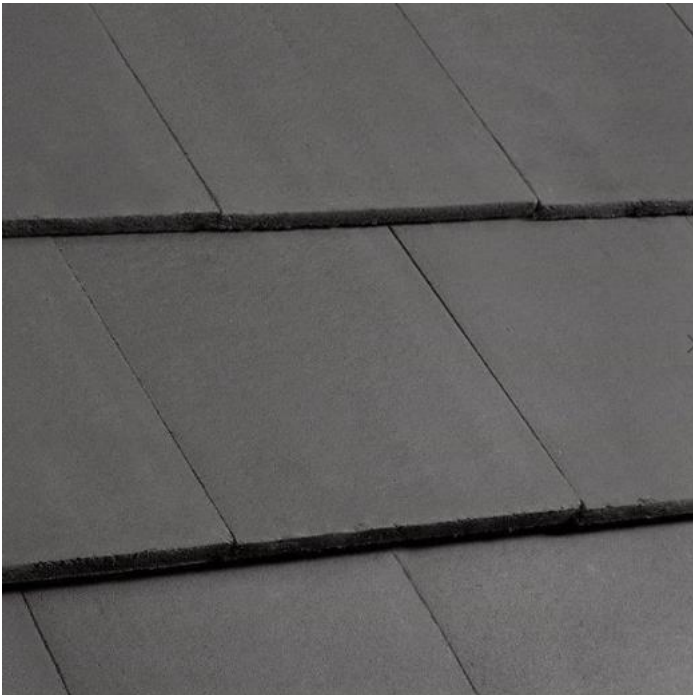


Fig 03_Image showing typical concrete tile roof.

Rainwater Goods

All rainwater goods to be Alutec Aluminium rainwater systems. 130 x 85mm Evolve box or similar approved system. Colour to be dark grey RAL 7016.



Fig 04_Alutec aluminium rainwater system.

Windows

Proposed windows to be narrow framed aluminium, double glazed units. Standard glazing - 24 mm double glazed unit comprising 4 mm tough glazing / 16 mm Argon / 4 mm tough glazing or similar approved, colour to be dark grey RAL 7016 , water tightness: 1200Pa (Class E), Air permeability: 600Pa (Class 4) or similar approved.

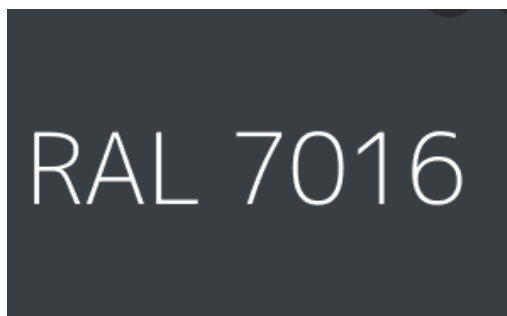


Fig 05_Example aluminium dark grey windows.

Doors

The proposed entrance doors are to be timber effect composite doors or similar approved.



Fig 06_Example composite door.

Rooflights

3No. Rooflights to be Velux CK02 780 x 550mm standard roof window, manual centre pivot, white painted, with comfort double glazing, with associated flashing kit to suit roof finish.

1No. Rooflight to be Velux FK08 1400 x 660mm standard roof window, manual centre pivot, white painted, with comfort double glazing, with associated flashing kit to suit roof finish.



Fig 07_Velux rooflight.

Boundary Treatments

Boundaries to both Knunck Knowles and Ribblesdale Avenue to be low-level brick walls (brickwork to be Michelmersh Hadley Brindle Smooth to match proposed dwelling), with inset black metal fencing and Portuguese laurels.



Fig 08_Example of Brick and black metal fencing.

Tarmac

Driveway/hardstanding to be permeable tarmac or decorative gravel, colour TBC by Client.



Fig 09_Example of permeable tarmac.

Solar Panels

Solar panels fitted to Garage roof are to be Marley SolarTile roof panels 355Wp Solar panel or similar approved.



Fig 10_Marley SolarTile.