

PRODUCT SPECIFICATION

Information correct as at 19 December 2022

Description

Product Name	Manorial Mixture	
Product Code	A2933A	
Quality	Best	CLAY FACING BRICK
Manufacturing Unit	Chesterton Factory	
Type	Wirecut Extruded	
Configuration	Vertically Perforated	
Voids	29-34	%

Specification

(In accordance with BS EN771-1:2011/A1:2015)

Masonry Unit Group	HD units Group 2 Structural	
Category	BS EN771-1:2011/A1:2015 Cat I	
Dimensions	215x102x65 mm	
Tolerance - Mean	T2	+/-L4W3H2
Tolerance - Range	R1	L9W6H5
Bed Surface Mean Compressive Strength	>=60.0 N / mm²	

Additional Data

Gross Density	1440	kg / m³
Nett Density	2270	kg / m³
Density Tolerance	D1	
Durability	F2~	Severe Exposure
Active Soluble Salts	S2	
Water Absorption	<=5	% by weight
Initial rate of water absorption - Section Rate	0.4	kg / m² / min
Fire Reaction	Euroclass A1	
Water Vapour Diffusion Coefficient (Water Vapour Permeability)	50/100	mu
Bond Strength - Fixed Value Stated as Initial Shear Strength	0.15	N/mm²

Test results derived under BS EN 771-1 must be used in conjunction with BS EN1996, PD6697

Thermal Properties

(Tabulated - CIBSE Guide A 1999/BSEN 1745)

Thermal Conductivity 'K' (at 5% moisture content - exposed)	1.16	W / m K
Thermal Resistance 'R' (at 5% moisture content - exposed)	0.09	m² K/W

Handling Information

Dry Weight per brick	2.3 kg
Average weight of brickwork (1/2 brick wall including mortar joints)	210.0 kg / m²
Coverage	Approximately 60.0 bricks per m²
Quantity per pack	500
Pack Size (WxDxH)	860x1020x860 mm
Weight per pack (dry)	1150 kg approximately

Application

Suitability	To be used in accordance with BS EN1996, PD6697 and our own recommendations
Mortar Joint Profile	From a durability point of view, this product is suitable for all common joint profiles
Movement Joints	Movement joints should be incorporated in accordance with BS EN1996, PD6697 and our own recommendations
Special Shapes	Special shapes are only available by the cut and bonding method

Quality Assurance

Frost Resistance	This product is guaranteed for 60 years in buildings or 20 years in boundary walls. Excludes paving, steps & ramps. All applications should be designed and constructed in accordance with the guidance contained within BS EN1996, PD6697 and with our own recommendations.
	Failure to comply will invalidate all warranties implied.

Workmanship

Colour	Mixing from a minimum of three packs on site will ensure a balanced blend of all the colours formed in the manufacturing process
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