

PRODUCT SPECIFICATION

Information correct as at 04 November 2022

Description

Product Name	Madeley Mixture 73mm
Product Code	C0350A
Quality	Best CLAY FACING BRICK
Manufacturing Unit	Aldridge Factory
Type	Wirecut Extruded
Configuration	Vertically Perforated
Voids	23-28 %

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 II
Dimensions	215x102x73 mm
Tolerance - Mean	T2 +/-L4W3H2
Tolerance - Range	R1 L9W6H5
Bed Surface Mean Compressive Strength	>=40.0 N / mm²

Additional Data

Gross Density	1500 kg / m³
Nett Density	2170 kg / m³
Density Tolerance	D1
Durability	F2 Severe Exposure
Active Soluble Salts	S2
Water Absorption	<=12 % by weight
Initial rate of water absorption - Suction Rate	0.5 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

Thermal Properties

(Tabulated - CIBSE Guide A 1999/BSEN 1745)

Thermal Conductivity 'K' (at 5% moisture content - exposed)	1.1 W / m K
Thermal Resistance 'R' (at 5% moisture content - exposed)	0.09 m² K/W

Handling Information

Dry Weight per brick	2.7 kg
Average weight of brickwork (1/2 brick wall including mortar joints)	222.0 kg / m²
Coverage	Approximately 54.0 bricks per m²
Quantity per pack	292
Pack Size (WxDxH)	730x860x790 mm
Weight per pack (dry)	788 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.
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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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Test results derived under BS EN 771-1 must be used in conjunction with BS EN1996, PD6697