

PRODUCT SPECIFICATION

Information correct as at 19 April 2022

Description

Product Name	Tyneham Restoration Red Imperial	
Product Code	E4305A	
Quality	Best	CLAY FACING BRICK
Manufacturing Unit	Swanage Factory	
Type	Handmade	
Configuration	Single Frog	
Voids	7-12	%

Specification

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

Masonry Unit Group	HD units Group 1 Structural	
Category	BS EN771-1:2011/A1:2015 Cat II	
Dimensions	228x109x68 mm	
Tolerance - Mean	T1	+/-L6W4H3
Tolerance - Range	R1	L9W6H5
Bed Surface Mean Compressive Strength	>=15.0 N / mm ²	

Additional Data

Gross Density	1650	kg / m ³
Nett Density	1900	kg / m ³
Density Tolerance	D1	
Durability	F2	Severe Exposure
Active Soluble Salts	S2	
Water Absorption	<=13 % by weight	
Initial rate of water absorption - Suction Rate	2	kg / m ² / 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/mm ²	

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)	0.91	W / m K
Thermal Resistance 'R' (at 5% moisture content - exposed)	0.11	m ² K/W

Handling Information

Dry Weight per brick	2.9	kg
Average weight of brickwork (1/2 brick wall including mortar joints)	210.6	kg / m ²
Coverage	Approximately 54.0 bricks per m ²	
Quantity per pack	420	
Pack Size (WxDxH)	1000x1000x850 mm	
Weight per pack (dry)	1218 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
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Special Shapes

Special shapes are not available, please use a contrasting colour

Quality Assurance

Frost Resistance	This product is suitable for use in sheltered locations but not for use in any landscape application. 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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