

PRODUCT SPECIFICATION

Information correct as at 05 March 2015

Description

Product Name	Capital Brown Multi Stock
Product Code	A0714A
Quality	Best CLAY FACING BRICK
Manufacturing Unit	Laybrook Factory
Type	Stock
Configuration	Single Frog
Voids	8-13 %

Specification

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

Masonry Unit Group	HD units Group 1 Structural
Category	BS EN771-1:2011/A1:2011 Cat I
Dimensions	215x102x65 mm
Tolerance - Mean	Tm +/-L4W3H3
Tolerance - Range	Rm
Bed Surface Mean Compressive Strength	>=25.0 N / mm² L9W6H5

Additional Data

Gross Density	1520 kg / m³
Nett Density	1860 kg / m³
Density Tolerance	D1
Durability	F2 Severe Exposure
Active Soluble Salts	S2
Water Absorption	<=14 % by weight
Initial rate of water absorption - Suction Rate	2.9 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)	0.88 W / m K
Thermal Resistance 'R' (at 5% moisture content - exposed)	0.11 m² K/W

Handling Information

Dry Weight per brick	2.3 kg
Average weight of brickwork (1/2 brick wall including mortar joints)	198.0 kg / m²
Coverage	Approximately 60.0 bricks per m²
Quantity per pack	475
Pack Size (WxDxH)	720x1080x940 mm
Weight per pack (dry)	1093 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 available by manufacture & by cut and bonding.
----------------	---

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	All facing bricks are blended at works. Mixing from a minimum of three packs on site will ensure a balanced blend of all the colours formed in the manufacturing process
--------	--

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