

DECLARATION OF PERFORMANCE

DOP REF: ENG02-2022
PRODUCT: Engineering Facing Brick
ISSUE DATE: 20 February 2023
MANUFACTURING STANDARD: hEN 771-3: 2011+A1 : 2015
COMPLIANCE CATEGORY: Attestation Level 2+ Category 1 (NSAI Certification No: 0050 - CPR - 1038)
PLANT OF MANUFACTURE: AG 127 Crievehill Road, Fivemiletown, Co. Tyrone, BT75 0SY
APPLICATION: Facing brick for use on commercial and domestic buildings

Declared Performance

Essential Requirements	Performance Value
Dimensions	L 215 x D 102.5 x H 65mm
Compressive Strength*	Cat 30: minimum 30 N/mm ² Cat 50: minimum 50 N/mm ²
Water Absorption (24hr)	5% maximum Class B
Durability Designation	F2 Severe Exposure
Mean Coefficient Of Water Absorption	1.5 g / (m ² .s)
Moisture Movement Coefficient**	0.46 mm / m
Active Soluble Salts [So3]	0.03%
Size Tolerance	hEN 771-3: 2011 (T1) Category D2
Gross Density	2200-2300 Kg / m ³
Dangerous Substances	None

Essential Requirements	Performance Value
Thermal Conductivity	1.56 W / m.K
Initial Rate Of Absorption	0.42 Kg / m ² .m-1
Bond Strength	0.15 N / mm ²
Reaction To Fire	A1 Class
Type Of Mortar	Recommended ratio 6 : 1 or 5 : 1 Sand : OPC
Water Vapour Permeability [U]	5 / 15u tabulated from EN 1745
Pack Quantity	512
Pack Size [Apx. Mm]	L 850 x D 850 x H 1100mm
Typical Pack Weight	1700 Kg
Packaging (Full Shrink Bag)	Unpalletted***

* Compressive strength in accordance with PD 6697 : 2010 and Eurocode 6.

** Determination of moisture movement and drying shrinkage carried out in accordance with hEN 772-14:2001 (E)

*** Pallets are available on request.

Compliance is achieved by NSAI third party accreditation scheme to: I.S. EN 771-3.

I hereby declare that the products named above are in conformity with the essential requirements of the Construction Products Regulations and when built in accordance with NHBC Guidelines.

Signed:

Stephen Acheson, Chief Executive Officer

Dated: January 2022

