

# DECLARATION OF PERFORMANCE

**DOP REF:** OAK01-2020  
**PRODUCT:** Oakland Facing Brick  
**ISSUE DATE:** 30 November 2020  
**MANUFACTURING STANDARD:** BS EN 771-3: 2011+A1 : 2015  
**COMPLIANCE CATEGORY:** Attestation Level 2+ Category 1 (NSAI Certification No: 0050 - CPR - 1039)  
**PLANT OF MANUFACTURE:** AG 60 Creagh Road, Toome, Co. Antrim, BT41 3SE  
**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*	Min average 22 N/mm <sup>2</sup>
Water Absorption (24hr)	8% max
Durability Designation	F2 Severe Exposure
Mean Coefficient Of Water Absorption	7.1 g / (m <sup>2</sup> .s)
Moisture Movement Coefficient**	0.25 mm / m
Active Soluble Salts [So3]	0.03%
Size Tolerance	BS EN 771-3: 2011 (T1) Category D3
Gross Density	2200 Kg / m <sup>3</sup>
Dangerous Substances	None

Essential Requirements	Performance Value
Thermal Conductivity	1.56 W / m.K
Initial Rate Of Absorption	0.42 Kg / m <sup>2</sup> .m-1
Bond Strength	0.15 N / mm <sup>2</sup>
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 900 x D 1100 x H 950mm
Typical Pack Weight	1700 Kg
Packaging (Full Shrink Bag)	Pallet

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

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

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 2020

