



DECLARATION OF PERFORMANCE (No. SMD-01)

HAUGHLEY BLOCK PLANT LTD
Station Road
Haughley
Suffolk, IP14 3QP

System of assessment / Attestation of conformity: 2+
Notified factory production control for inspection, factory production control and
continual surveillance: **FPC Certificate No. 0086-CPR-750864, BSI Ltd**

Harmonised standard: EN 771-3:2011+A1:2015

Product: Haughley Block Plant solid concrete aggregate medium dense block

Product identification: 100, 140, 190, 215 mm Solid Medium Dense block
3.6, 7.3, 10.4, 17.5, 22.5 – Category I

Intended uses:

In loadbearing and non-loadbearing masonry walls, columns, partitions

Dimensions (mm):	L: 440, W: 100, 140, 190, 215, H: 215
Dimensional tolerances:	Category: D1 Flatness: NPD Parallelism: NPD
Configuration:	Group 1
Dimensional stability:	Moisture movement $\leq 0.6\text{mm/m}$ (Table NA.7 National Annexe to BS EN 1996-1-1:2005)
Shear bond:	0.15N/mm^2 (EN 998-2 Annexe C)
Flexural bond strength:	NPD
Characteristic compressive strength:	3.6, 7.3, 10.4, 17.5, 22.5 N/mm^2 (\perp bed face)
Reaction to fire:	Euroclass A1 (BS EN 13501-1 classification)
Water absorption:	NPD
Water Vapour Diffusion:	$5/15\mu$ (Table A.6 BS EN 1745: 2020)
Direct Airborne Sound Insulation:	Typical Gross Dry Density 1400-1600 kg/m^3
Thermal conductivity:	0.57 P = 50% W/(m.K) [$\lambda_{10,\text{dry}}$] (Table A.6 BS EN 1745: 2020)
Durability against freeze-thaw	Not to be left exposed

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer:

..... **L. Clear** (Managing Director)