

TECHNICAL DATA SHEET

PRODUCT: MODULITE MEDIUM DENSE



Available as standard in 3.5, 7.3 & 10.4N/mm² compressive strengths.
Modulite Medium Dense Lightweight Blocks measure 440mm x 215mm.

Modulite blocks are produced using responsibly resourced sustainable materials maintaining a high recycled content and use no PFA in their makeup. Weighing approximately 14kg this block meets all the criteria for HSE Manual Handling recommendations.

Modulite is a range of lightweight medium dense blocks available in a variety of formats and suited to a number of loadbearing applications. Modulite lightweight medium dense blocks are suitable for use in walls above and below ground and in block and beam floors. They have a proven high level of technical performance and quality.

Manufactured where thermal efficiency and manual handling conditions are required, the product maintains its high strength and robust qualities whether used above or below ground. It has excellent noise insulation characteristics and is extremely resilient to ambient conditions. Specified for use in: Internal leaves of cavity walls, externally rendered walls and Interior load bearing walls.

CCP recommend that due to natural variations in aggregates projects should source material from the same CCP site to ensure as far as is reasonably practicable the continuity of the textural finish and hue.



Compliance with EN1996-1	Group 1
Manufacturing Standard	BS EN 771 – 3: 2011
Tolerance Category	D1
Size	440mm x 215mm x 100 / 140mm
Meters per pack	7.2m ² (100mm), 4.8m ² (140mm)
Blocks per pack	72 (100mm), 48 (140mm)
Flatness	NPD (See BS EN 771-3 sec 5.3.2.2)
Plane Parallelism	NPD
Bulk dry material density	1350—1450 kg/m ³
Dry Weight	Approximately 14kg
Compressive strengths	3.5, 7.3 & 10.4N/mm ²
Thermal Conductivity (K Value)	0.46 (int) – 0.49 (ext) W/mK
Thermal Resistance (R Value)	0.21 (int) – 0.20 (ext) m ² K/W
Dry shrinkage	Less than 0.06%
Moisture movement	≤ 0.5
Water Absorption	NPD
Water Diffusion	5/15 (EN 772-3 sec 5.8)
Shear Bond Strength	0.15 N/mm ²
Acoustic Resistance (Single Leaf)	46dB
Reaction to Fire	Euro class A1
Durability to freeze / Thaw	Recommend not to leave exposed

CCP Building Products Ltd

Llay Road, Llay, Wrexham. LL12 0TL. Tel: 01978 799070 Fax 01978 449314

Email: ccp@cheshireconcrete.co.uk Web: www.ccpbuildingproducts.ltd