TECHNICAL DATA SHEET

PRODUCT: **MODULITE CELLULAR DENSE**

Available as standard in 7.3N/mm² compressive strength.
Modulite Medium Dense Cellular Blocks measure 440mm x 215mm.

Modulite Medium Dense Cellular Blocks are produced using responsibly resourced sustainable high-quality cement, sand and natural aggregates. This 100mm block weighs just 10.6kg.

These durable and very versatile cellular blocks can be used as a direct replacement for solid blocks in almost every instance except where maximum wall mass is required for noise insulator purposes. They can be used above or below DPC and in all types of applications: Internal leaves of cavity walls, externally rendered walls, infill framed structures and partition walls. 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.

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 100mm
Meters per pack	9m^2
Blocks per pack	90
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 10.6kg
Compressive strengths	7.3 N/mm^2
Thermal Conductivity (K Value)	0.36 (int) – 0.38 (ext) W/mK
Thermal Resistance (R Value)	0..27 (int) – 0.26 (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)	44dB
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