

# TECHNICAL DATA SHEET

PRODUCT: MODULITE PAINT GRADE



Available as standard in 7.3 & 10.4 N/mm<sup>2</sup> compressive strength.  
Modulite Medium Dense LWT Paint Grade Blocks measure 440mm x 215mm.

Weighing approximately 14.2kg this block meets all the criteria of 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. Specified for use in: Internal leaves of cavity walls, interior load bearing walls and party walls.

Manufactured where aesthetically internal finishes are specified, this product is designed to be painted or finished with render. It has excellent noise insulation characteristics and is extremely resilient to ambient conditions.

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.



ISO 45001  
Certified



<b>Compliance with EN1996-1</b>	Group 1
<b>Manufacturing Standard</b>	BS EN 771 – 3: 2011
<b>Tolerance Category</b>	D1
<b>Size</b>	440mm x 215mm x 100 / 140mm
<b>Meters per pack</b>	7.2m <sup>2</sup> (100mm), 4.8m <sup>2</sup> (140mm)
<b>Blocks per pack</b>	72 (100mm), 48 (140mm)
<b>Flatness</b>	NPD (See BS EN 771-3 sec 5.3.2.2)
<b>Plane Parallelism</b>	NPD
<b>Bulk dry material density</b>	1350—1450 kg/m <sup>3</sup>
<b>Dry Weight</b>	Approximately 14.2kg
<b>Compressive strengths</b>	7.3 & 10.4 N/mm <sup>2</sup>
<b>Thermal Conductivity (K Value)</b>	0.46 (int) – 0.49 (ext) W/mK
<b>Thermal Resistance (R Value)</b>	0..21 (int) – 0.20 (ext) m <sup>2</sup> K/W
<b>Dry shrinkage</b>	Less than 0.06%
<b>Moisture movement</b>	≤ 0.5
<b>Water Absorption</b>	NPD
<b>Water Diffusion</b>	5/15 (EN 772-3 sec 5.8)
<b>Shear Bond Strength</b>	0.15 N/mm <sup>2</sup>
<b>Acoustic Resistance (Single Leaf)</b>	46dB
<b>Reaction to Fire</b>	Euro class A1
<b>Durability to freeze / Thaw</b>	Recommend not to leave exposed

## CCP Building Products Ltd

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