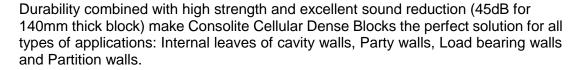
TECHNICAL DATA SHEET

PRODUCT: CONSOLITE CELLULAR DENSE



Available as standard in a 7.3 N/mm² compressive strengths. Consolite Cellular Blocks measure 440mm x 215mm and come in two thicknesses.

Consolite Cellular Dense Blocks are produced using responsibly resourced sustainable high-quality cement, sand and natural aggregates. The 100mm block weighs just 14.9kg.



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	9m² (100mm), 6m² (140mm)
Blocks per pack	90 (100mm), 60 (140mm)
Flatness	NPD (See BS EN 771-3 sec 5.3.2.2)
Plane Parallelism	NPD
Bulk dry material density	1850—2000 kg/m³
Dry Weight	Approximately 14.9kg (100mm)
Compressive strengths	7.3 N/mm ²
Thermal Conductivity (K Value)	0.88 (int) - 0.94 (ext) W/mK (100mm)
Thermal Resistance (R Value)	0.11 (int) - 0.10 (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/mm²
Acoustic Resistance (Single Leaf)	45db
Reaction to Fire	Euro class A1
Durability to freeze / Thaw	Recommend not to leave exposed

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