

TECHNICAL DATA SHEET

PRODUCT: CONSOLITE HOLLOW DENSE



Available as standard in a 7.3 N/mm² compressive strengths.
Consolite Hollow Dense Blocks measure 440mm x 215mm.

Consolite Hollow Dense Blocks are produced using responsibly resourced sustainable high-quality cement, sand and natural aggregates. This 215mm block has high levels of fire resistance and sound insulation.

Durability combined with high strength and excellent sound reduction (52dB for the 214mm thick block) make Consolite Hollow Dense Blocks the perfect solution for many types of applications: Internal walls including fire break structures, high strength load bearing walls and structural blocks used in reinforced retaining 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 215mm
Meters per pack	4m ²
Blocks per pack	40
Flatness	NPD (See BS EN 771-3 sec 5.3.2.2)
Plane Parallelism	NPD
Bulk dry material density	1850—2000 kg/m ³
Dry Weight	Approximately 24.3kg
Compressive strengths	7.3 N/mm ²
Thermal Conductivity (K Value)	0.59 (int) – 0.63 (ext) W/mK
Thermal Resistance (R Value)	0.36 (int) – 0.34 (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)	52db
Reaction to Fire	Euro class A1
Durability to freeze / Thaw	Recommend not to leave exposed

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