

# TECHNICAL DATA SHEET

PRODUCT: CONSOLITE HOLLOW DENSE



Available as standard in a 7.3 N/mm<sup>2</sup> 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.



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 215mm
<b>Meters per pack</b>	4m <sup>2</sup>
<b>Blocks per pack</b>	40
<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>	1850—2000 kg/m <sup>3</sup>
<b>Dry Weight</b>	Approximately 24.3kg
<b>Compressive strengths</b>	7.3 N/mm <sup>2</sup>
<b>Thermal Conductivity (K Value)</b>	0.59 (int) – 0.63 (ext) W/mK
<b>Thermal Resistance (R Value)</b>	0.36 (int) – 0.34 (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>	52db
<b>Reaction to Fire</b>	Euro class A1
<b>Durability to freeze / Thaw</b>	Recommend not to leave exposed

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