

TECHNICAL DATA SHEET

PRODUCT: LAY-LITE



Available as standard in a 4.2 N/mm² compressive strength
Also available on request compressive strengths of 7.6 & 10.4 N/mm²

Lay-Lite blocks are produced using quality controlled 'Argex' product amalgamated with other high quality responsibly resourced natural aggregates, weighing just 10kg each.

Lay-Lite blocks are not only extremely lightweight with excellent thermal resistance properties but have the added benefit of being suitable for the application of commercial paint finishes if required and is extremely resilient to localized conditions. Specified for use above or below DPC and for: load bearing walls (subject to design requirements), internal leaves of cavity walls, partition walls and party 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 100 / 140 mm*
Meters per pack	9m ² (100mm), 6m ² (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	1020-1180 kg/m ³
Dry Weight	Approximately 10kg (100mm)
Compressive strengths	4.2 N/mm ²
Thermal Conductivity (K Value)	0.25 (int) – 0.27 (ext) W/mK (100mm)
Thermal Resistance (R Value)	0.4 (int) – 0.37 (ext) m ² K/W (100mm)
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)	45db (100mm)
Reaction to Fire	Euro class A1
Durability to freeze / Thaw	Recommend not to leave exposed

*See DoP / CE Certificates for 140mm details

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