



CES Quarry Products Ltd

Kilkeel Industrial Park, The Harbour, Kilkeel
Co. Down, N. Ireland, BT34 4AX

T. 028 4176 2707
F. 028 4176 4582
E. accounts@cesquarryproducts.com
E. sales@cesquarryproducts.com
W. www.cesquarryproducts.com

Aughrim - Dunavil - Murlough - Edendarriff - Castlenavan - Doran's Rock - Moneyreagh

Conforms with – BS EN 771-3

CES Concrete Block & Brick

High Quality Blocks & Bricks

CES manufactures high quality concrete block & brick in a wide range of sizes and strengths (up to 25n/mm²).

Only well shaped stones from our company grit stone quarries are used in production. This ensures the block & brick have a consistent finish with an excellent key for plastering. The aggregates and cement are blended in high speed pan mixers that distribute the cement evenly throughout the mix so the target strength is guaranteed in all blocks. Manufacturing is on modern automated block machinery which is continually checked and updated by our technical team to ensure a consistent high quality production process. The block & brick are then banded tightly together in bales for safe delivery to site. On site our experienced delivery staff will endeavour to place the products so you have the least amount of re-handling.

Sample block & brick are routinely selected for testing. The tests confirm the finish, shape, strength and the products conformity with BS EN 771-3 standards.



CES take their Environmental and Health & Safety responsibilities seriously and have implemented a continuous improvement campaign.

HEALTH & SAFETY WARNING

Please take care when using our products. In the event of an accident please seek medical attention immediately. Always wear the relevant PPE gear when working with our products.



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CES Concrete Block & Brick

| Block | | | | |
|--|-----------|----------|-------------|----------------------------|
| Length mm | Height mm | Width mm | Weight Kg | Density Kgs/m ³ |
| 440 | 215 | 100 | 18.0 - 21.0 | 2008 - 2220 |
| 440 | 215 | 140 | 25.3 - 29.8 | 1910 - 2250 |
| 440 | 300 | 100 | 25.3 - 29.0 | 1917 - 2197 |
| 440 | 150 | 100 | 12.4 - 14.7 | 1879 - 2227 |
| 440 | 100 | 100 | 8.8 - 9.8 | 2008 - 2220 |
| Brick | | | | |
| 215 | 100 | 65 | 2.8 - 3.1 | 2004 - 2218 |
| Comprehensive Strength = 3.5 - 7 - 10 - 15 - 25 N/mm ² | | | | |
| Thermal Conductivity = 1.06 W/mK | | | | |
| Fire Resistance = 2 - 4 hours fire resistance | | | | |
| Drying Shrinkage = 0.06% | | | | |
| Block & Brick BSI = BS EN 771-3 | | | | |
| In House Testing = CES carry out weekly internal testing of our block & brick products | | | | |
| External Testing = Carried out by qualified Independent body on a regular basis | | | | |
| Recyclable = CES block & brick products are 100% recyclable | | | | |
| Acoustic Value = 45db of normal discussion is barely understandable | | | | |

CES 100mm blocks- U-Values

| Springvale Platinum Moulded Cavity Fill Board | CES Dense Block | CES Medium Density Block | CES Lightweight Block |
|---|-------------------------|--------------------------|-------------------------|
| 95mm Cavity Fill (105mm Cavity) | 0.27 W/m ² K | 0.26 W/m ² K | 0.26 W/m ² K |
| 140mm Cavity Fill (150mm Cavity) | 0.19 W/m ² K | 0.19 W/m ² K | 0.19 W/m ² K |
| Ecobead Platinum Injected Bead | | | |
| 100mm Cavity with Ecobead Platinum | 0.29 W/m ² K | 0.28 W/m ² K | 0.27 W/m ² K |
| 150mm Cavity with Ecobead Platinum | 0.20 W/m ² K | 0.20 W/m ² K | 0.19 W/m ² K |

**Ready Mixed Concrete . Floor Screed . CES Super Screed
Building & Plastering Mortar . Mini Mix Concrete . Concrete Block
Quarry Stone . Lightweight Block**

For info on our full range of products/services please call

CES Head Office on 0845 60 43 300 or visit www.cesquarryproducts.com