

## Blocks

### Foundation Block

CCP Foundation blocks offers the specifier a product that is durable, efficient and highly economical. Having CCP foundation blocks on site means that time delays due to the non-arrival of wet mixes are a thing of the past.

Easier to form within a trench than two skins of other blocks and without the need to lose time filling cavities our foundation blocks are suitable for up to DS-3 conditions and been specifically designed for below DPC use.

- Thermally efficient
- Quantifiably more accurate
- Weigh approximately 18 kg
- Comply with HSE / CDM guidelines for single unit manual handling



Produced using responsibly resourced sustainable high quality cement, sand and natural aggregates.

### Consolite Hollow Dense

Consolite Hollow Dense Blocks the perfect solution for many types of applications including:

- Internal walls including fire break structures
- High strength load-bearing walls
- Structural blocks used in reinforced retaining walls



The 215mm block has high levels of fire resistance and sound insulation.

- Durable and high strength
- Excellent sound reduction (52dB for the 215mm thick blocks)

### Consolite Cellular Dense

Consolite Cellular Dense Blocks the perfect solution for all types of applications including Internal leaves of cavity walls, party walls, load-bearing walls and partition walls.

- Durable and high strength
- Excellent sound reduction (45dB for 140mm thick block)
- Weight 100mm block 14.9kg
- Weight 140mm block 18.6kg

### Consolite Solid Dense Blocks

Consolite Dense Blocks possess distinctive properties of durability and strength making them an ideal and cost-effect solution for all types of load-bearing walls.

Being produced from high quality aggregates they not only have good sound resisting characteristics but have an excellent continuity of texture and display good finishes and as such are ideally suited for both painted quality and undecorated applications.

- High density load bearing concrete block of a bulk dry material density of 1850-2000 kg/m<sup>3</sup>
- Made from class 1 aggregates
- Manufactured in four standard block strengths from 7.3 to 22.5N/mm<sup>2</sup> 100mm
- Complies with H.S.E. one-man handling guidelines
- Manufactured to BS EN 771 – 3



### Consolite Easy-lay

Easy-Lay Dense blocks are comfortable to handle, easy to lay and cost effective. Easy-Lay Dense Blocks can be laid above or below the DPC and are the perfect solution for all types of construction be it Commercial, Industrial or Agricultural.

- Durable and high strength
- Excellent sound reduction (52dB)
- Weigh 17.6 kg (fully comply with HSE directive for one-man handling)



### Modulite Cellular Dense

Modulite Medium Dense Cellular Blocks are durable and very versatile. Cellular blocks can be used as a direct replacement for solid blocks in almost every instance, except where maximum wall mass is required for noise insulatory purposes.

- 100mm block weighs just 10.6kg
- Extremely resilient to ambient conditions



## Modulite Medium Dense

Modulite Medium Dense Lightweight Blocks are specified where thermal efficiency and manual handling conditions are key requirements. The product maintains its robust qualities throughout its application spectrum with its excellent noise reduction characteristics. It is also extremely resilient to ambient conditions.

Specified for use in: Externally rendered walls; Internal leaves of cavity walls; Interior load bearing walls.

- Produced using responsibly resourced sustainable materials
- 80% recycled content
- No PFA in their make-up
- Weigh approximately 14 kgs (meets all the criteria for HSE Manual Handling recommendations)



## Modulite Medium Dense Lightweight Paint Grade Blocks

Modulite Medium Dense Lightweight Blocks are specified where aesthetically internal finishes are required. It has excellent noise insulation characteristics and is extremely resilient to ambient conditions. This product is designed to accept most commercial paint solutions.

- Manufactured and tested in accordance with BS EN 771-3: 2011. Specification for Masonry Units: Aggregate Concrete Masonry Units
- Produced using responsibly resourced sustainable materials maintaining a high recycled content and use no PFA in their make-up
- Weighing approximately 14.2kg (meets all the criteria of HSE Manual Handling recommendations)



## Lay-Lite – now available in 140mm

Lay-Lite is the obvious solution for the designer who requires load bearing compressive strength combined with minimal thermal conductivity, the quantity surveyor who needs to tick all the boxes whilst meeting fiscal constraints of his project and the contractor who requires a lightweight handleable solution which will allow him to lay blocks quicker and complete projects earlier. Lay-Lite it is a viable alternative to the air-crete block product with the added advantage of offering a much broader compressive strength range.

- Inert, light weight, non-combustible, rot-proof and structurally strong
- Lambda values of 0.25 W/mK for the 100mm and 0.1785 W/mK for the 140mm



- Available in three compressive strengths of 4.2 N/mm<sup>2</sup>, 7.3 N/mm<sup>2</sup> and 10.4 N/mm<sup>2</sup> (the latter two on request)
- Weights of approximately 10kg and 14 kg for the 100mm and 140mm respectively
- Core ingredient complies with BS EN – 13055-1
- Added benefit of a finished surface texture that is suitable for the application of appropriate paints normally denoted a 'Paint Grade Finish'

## Concrete commons

CCP's Concrete Commons are designed to be used in many applications including:

- Making up courses in blockwork
- As padstones on top of hollow blocks
- As reveals, jambs and window heads
- As kicker units to bring blockwork to wall height
- To eliminate cutting on site

Available as standard in 22 N/mm<sup>2</sup> compressive strength and measuring 215mm x 100mm x 65mm.

## Lightweight Coursing Brick

CCP lightweight coursing bricks are designed to be used in all types of construction in conjunction with lightweight aggregate blocks. For lightweight bricks, the specially selected aggregates used in the manufacturing process provide density, strength and thermal conductivity values which are comparable with the majority of lightweight aggregate blocks with a density range of 1000 – 1500kg/m<sup>3</sup>.

Lightweight bricks should only be used on inner leaves and be protected from prolonged frost or snow.

Available in sizes: 100mm x 65mm x 215mm and 140mm x 65mm x 440mm.

