

ULTRALIGHT BLOCKS

ULTRA LIGHTWEIGHT AGGREGATE BLOCKS



APPLICATIONS

Walls below Damp Proof Course

External Walls - outer & inner

Internal Load bearing Walls

Internal Partition Walls

Column Encasement

Sellite Ultra Lightweight Aggregate Blocks are a load bearing block manufactured from an expanded clay lightweight aggregate and a mixture of Furnace Bottom Ash (FBA), Pulverised Fuel Ash (PFA) and cement. The expanded clay aggregate is manufactured from a special kind of clay which through heat expansion is transformed into lightweight porous granules with numerous cavities. This is what gives Ultra Lightweight Aggregate Blocks their incredible lightweight properties.

Ultralight Blocks offer one hand lift laying, have excellent thermal efficiency values, provide an ideal key for plaster/render and accept fixings readily.

Ultralight Blocks are especially suitable for house building, extensions and repair, maintenance and refurbishment projects. Blocks in this range comply with the 20kg single lift requirements of the Construction (Design and Management) Regulations.



-  **Fire Resistant**
-  **Quality Assured**
-  **Ultra Lightweight**
-  **High Thermal Efficiency**
-  **Easily Cut and Chased**
-  **Excellent Fixability**
-  **Low Shrinkage**

Manufacturers of eco-friendly building blocks, for over 60 years



Technical Helpline: 01977 661631

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SELLITE
BLOCKS LIMITED

ULTRALIGHT BLOCKS

ULTRA LIGHTWEIGHT AGGREGATE BLOCKS



AUTHORITY

Ultralight Blocks are manufactured to comply with BS EN 771-3.

Production facilities operate under Quality Management Standard BS EN ISO 9001 Certificate Number FM 40113 (BSI Registration).

PERFORMANCE AND PROPERTIES

Dry Density

- ✓ 3.6 N/mm² - 850 Kg/m³
- ✓ 7.3 N/mm² - 950 Kg/m³

Fixability

- ✓ Ultralight blocks accept direct nailing and are easy and speedy to drill and plug.

Fire Resistance

- ✓ Ultralight blocks are manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3.

Mean Compressive Strength

- ✓ 3.6 N/mm²
- ✓ 7.3 N/mm²

Moisture Movement

- ✓ < 0.8 mm/m

Shear Bond Strength

- ✓ 0.15 N/mm²

Thermal Properties

- ✓ 3.6 N/mm² = 0.25W/m°C.
 - ✓ 7.3 N/mm² = 0.28W/m°C.
- Ultralight blocks are Part L compliant. Consult our Technical Department for current thermal data.

Dimensional Tolerances

- ✓ Category D1.



METRIC SIZES & TYPES

Work Size 440mm x width x 215mm
Co-ordinating Size 450mm x width x 225mm

Type	100mm	140mm
Solid		
Reveal		
Infill Bricks Available		

ULTRALIGHT BLOCKS PACK SIZES (Metric)

100mm	7.2m ²
140mm	4.8m ²



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