

Aglite Ultima®

The definitive housebuilder block

Aglite Ultima® is a range of low density, lightweight load bearing blocks manufactured using a mix of Plasmor's own man-made expanded clay and high quality lightweight aggregates. Available in a range of strengths, **Aglite Ultima** complies with all prevailing regulations including Part L, Part E & Robust Details, Party Wall construction and compatible with E-FC-4. The 100mm block has a one hand lift so laying rates are faster and safer.

Aglite Ultima® is open textured to accept plaster/ render, is plain ended and grey in colour and is the cost effective housebuilder block of choice.



Applications

- External walls inner leaf
- External walls outer leaf
- Internal partition walls
- Internal walls
- Suspended floors - beam & block
- Walls below DPC* Party Walls



Key benefits



Lightweight
low density



Fire
resistant



Load
bearing



Authority



Accepts plaster
without bonding coat



High thermal
efficiency



Good sound
insulation



Low
shrinkage





Excellent
fixability



Easily cut
and chased

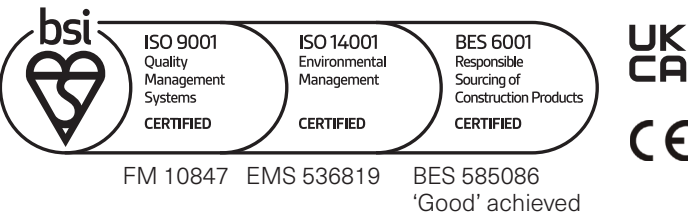
Technical specification

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

Type	100mm	140mm
Solid		
Strengths available	4.2N/mm ² 7.3N/mm ² 10.4N/mm ²	7.3N/mm ² 10.4N/mm ²
Pack Size	9.6m ²	6.4m ²

Authority

Aglite Ultima® blocks are manufactured in production facilities to BS EN 771-3, with third party accreditation under BSI as follows:-



Properties & performance

Mean Compressive Strength

See size table above for strengths available.

Dry Density

4.2N/mm² & 7.3N/mm² - 1050 Kg/m³
10.4N/mm² - 1150Kg/m³

Thermal Value (at 3% moisture)

k = 0.31W/m²K for 4.2N/mm² and 7.3N/mm²
k = 0.36W/m²K for 10.4N/mm²

Moisture Movement

Not greater than 0.6 mm/m*.

Fire Resistance

Aglite Ultima® is classified as A1 Non-combustible as defined in BS EN 13501-1

Sheer Bond Strength

0.15 N/mm².

Fixability

Elevate® blocks accept direct nailing and are easy and speedy to drill and plug.

Mortar Designations

Class (iii) for walls above dpc by volume

Cement : Lime : Sand 1 : 1 : 6

Cement : Sand 1 : 5 to 6

Class (ii) for walls below dpc by volume

Cement : Lime : Sand 1 : ½ : 4

Cement : Sand 1 : 3 to 4

Rendering

Builders considering the use of proprietary single coat render systems must exercise caution to accurately adhere to the render manufacturers' design and specification guides. Furthermore, during application, strictly adhere to the specific and expansive application instructions, paying particular attention to prevailing weather conditions applied thereto. PLEASE NOTE that traditional rendering applications are not so seasonally and conditionally demanding.

Technical helpline:
01977 673221