

AGLITE[®] Ultima[®]

THE DEFINITIVE HOUSEBUILDER BLOCK

AGLITE Ultima is a low density, lightweight load bearing block manufactured using a mix of Plasmor's own man-made expanded clay aggregate and other high quality lightweight aggregates. Available as a 100mm and 140mm solid, in a range of strengths, Aglite Ultima complies with all prevailing regulations including Part L, Part E, Robust Details E-WM-12, E-WM-17, E-FC-4 and the Code for Sustainable Homes and the 100mm block has a one hand lift of 11.5kg 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 - outer & inner leaf

PARTY WALLS

INTERNAL LOADBEARING WALLS

INTERNAL PARTITION WALLS

WALLS BELOW DPC (7.3N only)

INTERNAL WALLS

SUSPENDED FLOORS - Beam & Block



Lightweight Low Density



High Thermal Efficiency



Fire Resistant



Good Sound Insulation



Loadbearing



Accepts Plaster and Paint Without Bonding Coat



Low Shrinkage



Authority



Easily Cut and Chased



Excellent Fixability



AGLITE Ultima®

LIGHTWEIGHT AGGREGATE BLOCKS

AUTHORITY


Aglite Ultima is manufactured to comply with BS EN 771-3. Production facilities operate under Quality Management Standard BS EN ISO 9001 certificate number FM 10847 and Environmental Management Standard BS EN ISO 14001 certificate number EMS 536819. (BSI Registration).

AGLITE ULTIMA PACK SIZE (Metric)


100mm	9.6m ²
140mm	6.4m ²

PROPERTIES AND PERFORMANCE


Mean Compressive Strength

 4.2 N/mm² and 7.3 N/mm².
10.4 N/mm² to special order.


Dry Density

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


Thermal Properties

 k = 0.32W/m°C
Aglite Ultima is Part L1A compliant. Consult our Technical Department for current thermal data.


Moisture Movement

 0.40mm/m.


Sound Insulation

 Aglite Ultima complies with Robust Detail E-WM-12 and E-WM-17. Consult our Technical Department for further information.


Fire Resistance

 Aglite Ultima is manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3.


Shear Bond Strength

 0.15 N/mm².


Fixability

 Aglite Ultima blocks accept direct nailing and are easy and speedy to drill and plug.

Mortar Designation



 4.2 N - Designation (iii) - 1:1:6 Cement:Lime:Sand
7.3 N - Designation (ii) - 1:1/2:4 1/2 Cement:Lime:Sand
Consult our Technical Department for mortar designations for higher strength blocks.

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.

METRIC SIZE AND TYPE

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

Type  100mm  140mm

Solid



NOTES: Green shading denotes block weights of **LESS THAN 20KG**. For high strength blocks check with Divisional Sales Office.

AGLITE Ultima 100mm has a 11.5kg one hand lift capability resulting in faster and safer laying rates.

