

AGLITE[®] Ultima[®]

THE DEFINITIVE HOUSEBUILDER BLOCK

APPLICATIONS

- EXTERNAL WALLS - outer & inner leaf
- INTERNAL LOADBEARING WALLS
- INTERNAL PARTITION WALLS
- PARTY WALLS
- WALLS BELOW DPC (7.3N only)
- INTERNAL WALLS
- SUSPENDED FLOORS - Beam & Block



AUTHORITY

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

BS EN ISO 9001 FM 10847 Certificate Number

BS EN ISO 14001 EMS 536819 Certificate Number

BES 6001 BES 585086 - 'Good' achieved

BS EN 15037 CPR 601346
Beam & Block Floors



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 E-WM-12, E-WM-17, E-WM-22 and E-FC-4. 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.



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 PACK SIZES

100mm	9.6m ²
140mm	6.4m ²

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

TYPE	100mm	140mm
Solid		
Strengths available	4.2N 7.3 N 10.4 N	7.3 N 10.4 N

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



PROPERTIES & PERFORMANCE

 **MEAN COMPRESSIVE STRENGTH**
See size table above for strengths available.

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

 **THERMAL VALUE** (at 3% moisture)
k = 0.31 W/m°C for 4.2 and 7.3 N.
k = 0.36W/m°C for 10.4 N.
Aglite Ultima blocks are Part L1A compliant*.

 **MOISTURE MOVEMENT**
Not greater than 0.6 mm/m*.

 **SHEER BOND STRENGTH**
0.15 N/mm².

 **FIRE RESISTANCE**
Aglite Ultima is manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3 and complies with BS EN 1996-1-2005.

 **SOUND INSULATION**
Aglite Ultima complies with Part E and Robust Details E-WM-12, E-WM-17, E-WM-22 and E-FC-4 for walls and floors*.

 **FIXABILITY**
Aglite Ultima 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.

* Please consult our Technical Department for further information.