

AGLITE[®]

LIGHTWEIGHT AGGREGATE BLOCKS

AGLITE is a range of low density, lightweight load bearing blocks manufactured using a mix of Plasmor's own man-made expanded clay aggregate and other high quality lightweight aggregates. Available in a comprehensive range of sizes and strengths, lightweight **AGLITE** blocks are suitable for Housebuilding, Industrial, Commercial and RMI projects.

AGLITE blocks are open textured to accept plaster/render, are plain ended and grey in colour.

APPLICATIONS

EXTERNAL WALLS - outer & inner leaf

INTERNAL LOADBEARING WALLS

INTERNAL PARTITION WALLS

WALLS BELOW DPC

SEMI EXPOSED 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®


LIGHTWEIGHT AGGREGATE BLOCKS

AUTHORITY


Aglite is manufactured to comply with BS EN 771-3. Production facilities operate under Quality Management Standard BS EN ISO 9001 Certificate Number FM 10847. (BSI Registration).

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

 $k = 0.32 \text{ W/m}^\circ\text{C}$
Aglite blocks are Part L compliant.
Consult our Technical Department for current thermal data.


Moisture Movement

 0.40mm/m.

Sound Insulation

 Consult our Technical Department for current sound performance data.


Fire Resistance

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

Shear Bond Strength

 0.15 N/mm².

Fixability

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

AGLITE PACK SIZES (Metric)















75mm	12.0m ²	140mm	6.4m ²
90mm	10.4m ²	190mm	4.8m ²
100mm	9.6m ²	215mm	4.0m ²



METRIC SIZES AND TYPES

Work Size 440mm x width x 215mm








Co-ordinating Size 450mm x width x 225mm

Type	75mm	90mm	100mm	140mm	190mm	215mm
Solid						
Hollow / Cellular						
Reveal (50mm)						
Reveal (75mm)						
Flooring Block						

MODULAR SIZES AND TYPES

Work Size 390mm x width x 190mm

Co-ordinating Size 400mm x width x 200mm

Type	90mm	100mm	140mm	190mm
Solid				
Hollow / Cellular				

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

* Grey shading denotes block weights of more than 20kg.

Reveal sizes to suit the width of the cavity