

AGLITE Foundation14®

LIGHTWEIGHT AGGREGATE BLOCKS

AGLITE Foundation14 is a lightweight aggregate loadbearing block suitable for use below dpc and is manufactured from selected aggregates including graded Furnace Bottom Ash, Pulverised Fuel Ash and Plasmor's Expanded Clay.

AGLITE Foundation14 provides an efficient, simple and cost effective method of foundation construction below dpc where faster building rates can be achieved with reduced labour and mortar costs compared with traditional foundation construction.

AGLITE Foundation14 have a single unit weight of only 14kg so savings can be made due to faster laying rates and they are safer too due to less risk of repetitive lifting injury.



Lightweight



Fire Resistant



Loadbearing



Authority



Sulphate Resistant



Low Shrinkage

APPLICATIONS**BELOW DPC**

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AUTHORITY


Aglite Foundation14 Blocks are 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).

AGLITE FOUNDATION14 PACK SIZE


300mm x 275mm x 140mm
72 No.

PROPERTIES AND PERFORMANCE


Strength

 7.3 N/mm².
10.4 N/mm² available to order.


Dry Density

 1050 Kg/m³.


Moisture Movement

 0.30mm/m.


Sulphate Resistance

 Class 1 - standard.
Class 2 & 3 - available.


Fire Resistance

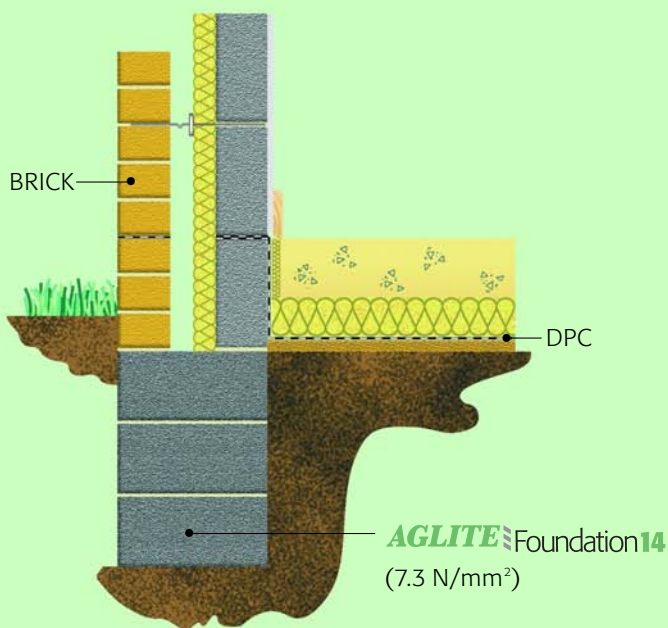
 Aglite Foundation14 Blocks are manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3.

Shear Bond Strength

 0.15 N/mm².

Mortars


 Mortar designation 3 -
1:1:6 Lime, Cement, Sand.



METRIC SIZE AND TYPE

300mm x width x 140mm

Type  275mm

Foundation 

AGLITE Foundation14 has a sub 15kg unit weight - safer for repetitive lifting of individual units below knee level ie. foundation situations.