

AGLITE Foundation14®

ULTRA 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 is 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


AGLITE FOUNDATION14 PACK SIZE

300mm x 275mm x 140mm


72 Blocks per pack

PROPERTIES AND PERFORMANCE


Strength

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


Dry Density

 1050 Kg/m³.


Moisture Movement

 Not greater than 0.60mm/m.
Consult our technical department for further information.


Sulphate Resistance

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


Fire Resistance

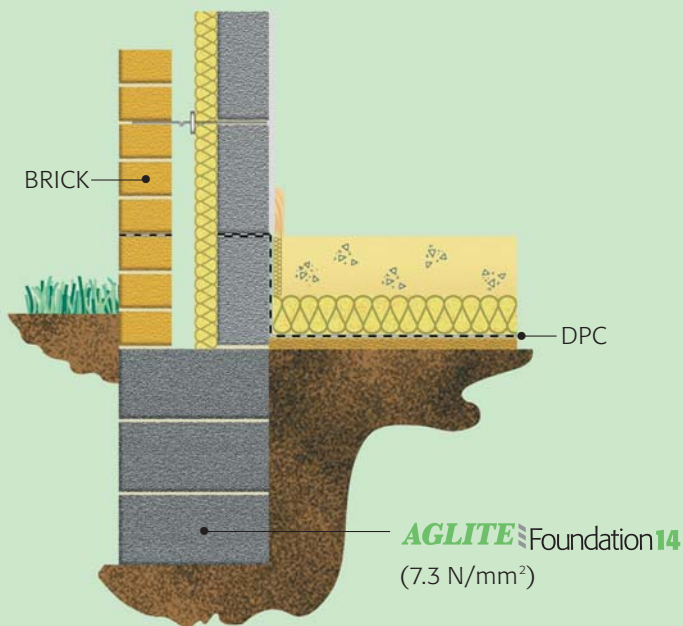
 Aglite Foundation14 Blocks are manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3 and complies with BS EN 1996-1-2005.

Shear Bond Strength

 0.15 N/mm².


Mortar Designation

 **Class (ii)** for walls BELOW DPC by volume
Cement : Lime : Sand 1 : 1/2 : 4
Cement : Sand 1 : 3 to 4



METRIC SIZES AND TYPES

300mm x 275mm x 140mm

Type	275mm	Number of blocks per m ²	
		300mm wide	275mm wide
Foundation		23.4	21.5

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