

AGLITE Foundation14

ULTRA LIGHTWEIGHT AGGREGATE BLOCKS



APPLICATIONS
BELOW DPC



AUTHORITY

Aglite Foundation14 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

AGLITE Foundation14 is a lightweight aggregate loadbearing block suitable for use below dpc and is manufactured using a mix of Plasmor's own man-made expanded clay and high quality lightweight aggregates.

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

**AGLITE FOUNDATION14
BLOCK PACK SIZES**

300mm x 275mm x 140mm
72 blocks

AGLITE Foundation14

ULTRA LIGHTWEIGHT AGGREGATE BLOCKS

Type - 300mm x 275mm x 140mm

Number of blocks per m²

275mm

300mm wide	275mm wide
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.



PROPERTIES & PERFORMANCE

MEAN COMPRESSIVE STRENGTH
7.3 N/mm².

DRY DENSITY
1050 Kg/m³.

MOISTURE MOVEMENT
Not greater than 0.6 mm/m.
Consult our technical department for further information.

SULPHATE SOILS
Suitable for DS-1, DS-2 and DS-3 as per BRE Special Digest.

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.

SHEER BOND STRENGTH
0.15 N/mm².

MORTAR DESIGNATIONS
Class (ii) for walls BELOW DPC by volume

Cement : Lime : Sand 1 : 1/2 : 4
Cement : Sand 1 : 3 to 4

