

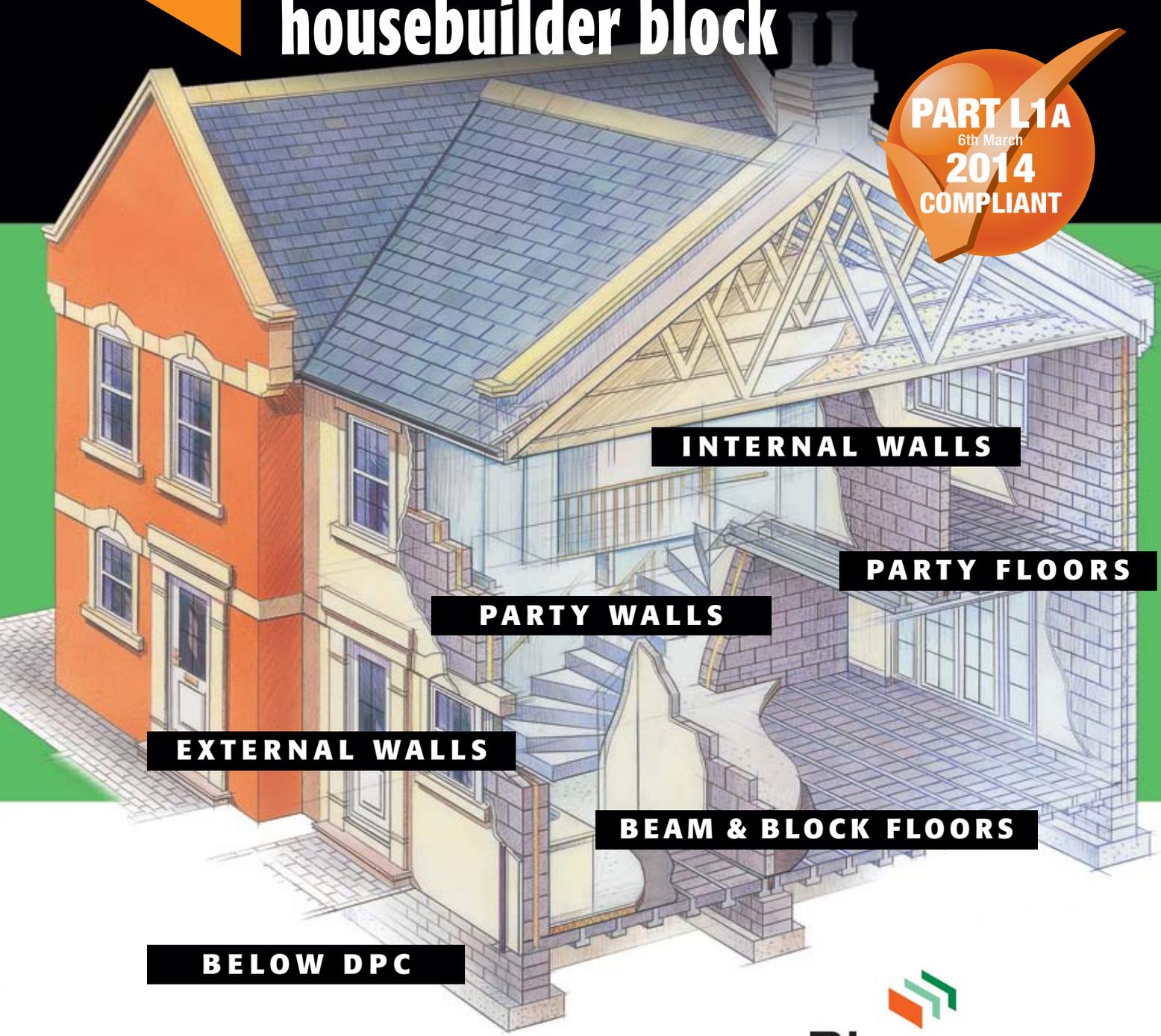
# AGLITE Ultima<sup>®</sup>

THE DEFINITIVE HOUSEBUILDER BLOCK

The new alternative lightweight,  
sustainable & cost effective  
housebuilder block

**NEW**  
ROBUST DETAILS  
E-WM-17  
E-WM-12  
E-WM-22  
E-FC-4

**PART L1A**  
6th March  
**2014**  
COMPLIANT



**INTERNAL WALLS**

**PARTY FLOORS**

**PARTY WALLS**

**EXTERNAL WALLS**

**BEAM & BLOCK FLOORS**

**BELOW DPC**

PLASMOR introduce a versatile, multipurpose, lightweight,  
**ONE BLOCK ON SITE** HOUSEBUILDER BLOCK  
- a cost effective alternative to the standard breeze block

# INTRODUCING **AGLITE** Ultima<sup>®</sup>

AGLITE ULTIMA complies with all of the prevailing building regulations including the following:-

- Building Regulations Part L1A 2013  
'Conservation of Fuel and Power'
- Building Regulations Part E 2003 (2015 updates)  
'Resistance to the Passage of Sound'
- Robust Details E-WM-12, E-WM-17,  
E-WM-22 and E-FC-4
- Code for Sustainable Homes Credits (HEA 2)

## THE DEFINITIVE HOUSEBUILDER BLOCK

Upon publication of the latest revision Part E Robust Details by Robust Details Ltd, Aglite Ultima may now be registered with E-WM-17, E-WM-12, E-WM-22 and E-FC-4. With E-WM-17, E-WM-22 and Aglite Ultima, you can enjoy significant benefits including:-

- **ONE BLOCK ON SITE** - Party Walls, Inner leaf of Internal Walls, Beam & Block Floors, External Walls for render (7.3N/mm<sup>2</sup>) and below ground (7.3N/mm<sup>2</sup>)
- **CODE FOR SUSTAINABLE HOMES CREDITS**
- **NO REQUIREMENT FOR PARGE COAT** - no wet trade back onto site
- **AFFORDABLE SOLUTION**
- **THERMAL MASS PROPERTIES**
- **THERMAL BRIDGING DETAILS** out performs Table K1 (SAP 2012), where assessed.

For further information on robust details, please refer to Robust Details Ltd - Technical Guidance for Enhanced Design and Construction Details - [www.robustdetails.com](http://www.robustdetails.com)

THE CONSERVATION OF FUEL AND POWER, THE REDUCTION OF CARBON DIOXIDE EMISSIONS, THE ARREST OF CLIMATE CHANGE AND THE COMMITMENT TO SUSTAINABLE DESIGN AND CONSTRUCTION IS CENTRAL TO GOVERNMENT HOUSING POLICY. IT IS NOW ESTIMATED THAT OVER 25% OF THE UK'S CO<sub>2</sub> EMISSIONS – A MAJOR CAUSE OF CLIMATE CHANGE – IS CONTRIBUTED BY ENERGY USAGE IN THE HOME, IN THE FORM OF HEAT, LIGHT AND LIFESTYLE ACTIVITIES.

## THERMAL INSULATION PERFORMANCE

IN APRIL 2014, THE GOVERNMENT INTRODUCED CHANGES TO PART L1A (CONSERVATION OF FUEL AND POWER) OF THE BUILDING REGULATIONS. THEIR AIM IS TO FURTHER COMBAT CLIMATE CHANGE WITH AN IMPROVEMENT IN THE OVERALL ENERGY EFFICIENCY OF NEWLY BUILT DWELLINGS. THE IMPROVED ENERGY EFFICIENCY IS ACHIEVED BY LOWERING THE CO<sub>2</sub> EMISSION RATE BY MEANS OF MAKING INSULATION IMPROVEMENTS AND FOCUSING ON FABRIC ENERGY EFFICIENCY STANDARDS (FEES), MAKING USE OF ENERGY EFFICIENT HEATING SYSTEMS, ADVANCED HEATING CONTROL TECHNOLOGIES, RENEWABLE TECHNOLOGY AND THE ATTENTION TO DETAIL AT JUNCTIONS WHERE TWO THERMAL ELEMENTS MEET - THERMAL BRIDGING.

THE HIGH THERMAL EFFICIENCY OF PLASMOR BLOCKS, WHEN USED IN TRADITIONAL CONSTRUCTIONS, EASILY SATISFY PART L1A REQUIREMENTS AND THE CODE FOR SUSTAINABLE HOMES.



To view and download various technical data sheets including the Plasmor Code for Sustainable Homes and the Thermal Insulation Performance and Acoustic Performance Guide, visit [www.plasmor.co.uk](http://www.plasmor.co.uk)

# AGLITE Ultima<sup>®</sup>

THE DEFINITIVE HOUSEBUILDER BLOCK



The one block for all situations -

- **EXTERNAL WALLS** - Outer and Inner leaf
- **PARTY WALLS**
- **INTERNAL LOADBEARING WALLS**
- **INTERNAL PARTITION WALLS**
- **SUSPENDED FLOORS** - Beam and Block
- **WALLS BELOW DPC**
- **PARTY FLOORS**
- **INTERNAL WALLS**



To compliment the introduction of Aglite Ultima, Plasmor launch the NEW, WEIGHT SAVING and TIME SAVING

## AGLITE Foundation 14



With a **WEIGHT OF ONLY 14KG, SOME 4KG LIGHTER** than alternative aggregate foundation blocks, even more significant savings may be made due to faster laying rates.

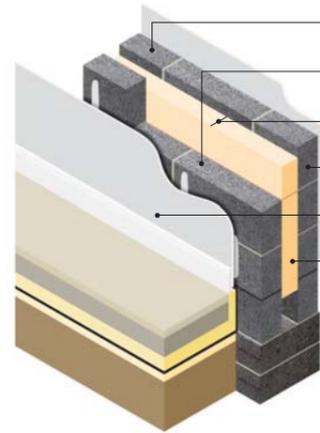
**AGLITE FOUNDATION 14 BLOCKS ARE SAFER TOO** - It is generally accepted that repetitive lifting of individual units below knee level, ie. in foundation situations, carries a greater risk than normal block laying. For this reason Plasmor introduce the 14kg, lighter weight, Aglite Foundation 14. (300mm x 275mm x 140mm)

# AGLITE Ultima<sup>®</sup> ACOUSTIC SOLUTIONS

Enjoy the significant benefits of Aglite Ultima and achieve credits under the Code for Sustainable Homes and EcoHomes. For further information contact our **Technical Helpline: 01977 673221**

## SEPARATING WALL USING PLASMOR AGLITE Ultima<sup>®</sup>

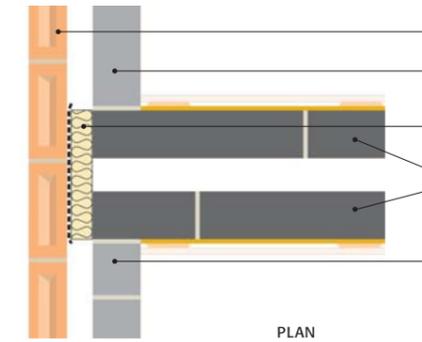
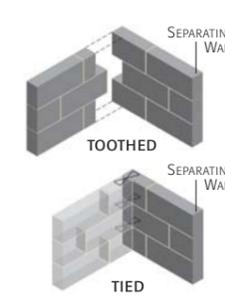
E-WM-17



<b>Block density</b>	Plasmor AGLITE Ultima
<b>Wall ties</b>	Approved Document E 'Tie Type A'
<b>Cavity width</b>	75mm (min)
<b>Block thickness</b>	100mm AGLITE Ultima each leaf
<b>Wall finish</b>	Gypsum based board (nominal 9.8kg/m <sup>2</sup> ) mounted on dabs
<b>Insulation</b>	Isover RD Party Wall Roll
<b>External (flanking) wall</b>	Masonry (both leaves) with 50mm (min) cavity - clear, fully filled or partially filled with insulation

## EXTERNAL (FLANKING) WALL USING PLASMOR AGLITE Ultima<sup>®</sup>

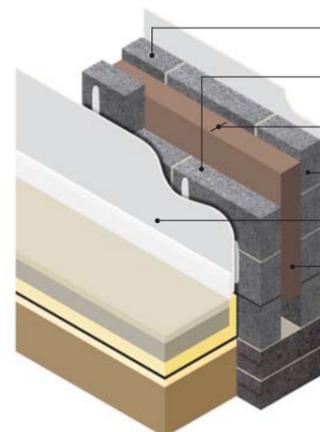
E-WM-12



<b>Masonry outer leaf</b>	
<b>External wall cavity (minimum 50mm)</b>	
<b>Close cavity with a flexible cavity stop unless it is fully filled with built-in mineral wool insulation</b>	
<b>Separating walls 100mm AGLITE Ultima</b>	
<b>Inner leaf where there is no separating floor e.g. for houses</b>	
• 100mm AGLITE Ultima (1050 kg/m <sup>3</sup> )	
• Internal finish - 13mm plaster or nominal 8kg/m <sup>2</sup> gypsum based board	

## SEPARATING WALL USING PLASMOR AGLITE Ultima<sup>®</sup>

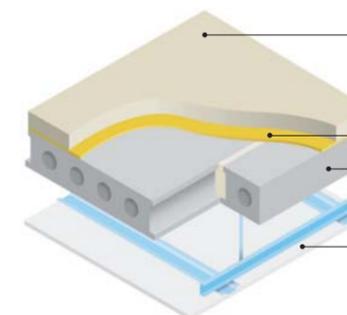
E-WM-22



<b>Block density</b>	Plasmor AGLITE Ultima
<b>Wall ties</b>	Approved Document E 'Tie Type A'
<b>Cavity width</b>	100mm (min)
<b>Block thickness</b>	100mm AGLITE Ultima each leaf
<b>Wall finish</b>	Gypsum based board (nominal 10kg/m <sup>2</sup> ) mounted on dabs
<b>Insulation</b>	100mm Knauf Earthwool Masonry Party Wall Slab or 100mm Superglass Party Wall Roll
<b>External (flanking) wall</b>	Masonry (both leaves) with 50mm (min) cavity - clear, fully filled or partially filled with insulation

## SEPARATING FLOORS - CONCRETE

E-FC-4



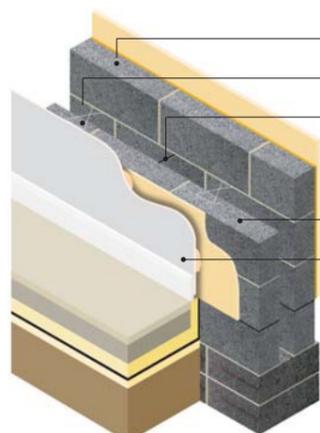
<b>Screed</b>	65mm (min) cement:sand screed or 40mm (min) proprietary screed of nominal 80kg/m <sup>2</sup> mass per unit area
<b>Resilient layer</b>	6mm IsoRubber layer with IsoEdge flanking strip
<b>Structural floor</b>	- 150mm (min) precast concrete floor plank - 300 kg/m <sup>2</sup> (min) mass per unit area
<b>Ceiling</b>	See section 3 (Robust Details 2011) for suitable ceiling treatment which is dependent on floor plank depth and supporting wall density

Illustration shows CTO type ceiling treatment

**Builders may register E-FC-4 with either E-WM-12, E-WM-17 or E-WM-22 to take full advantage of all the benefits of Plasmor Aglite Ultima. This is easily and quickly achieved for more information, visit [www.robustdetails.com](http://www.robustdetails.com)**

## SEPARATING WALL USING PLASMOR AGLITE Ultima<sup>®</sup>

E-WM-12



<b>Block density</b>	Plasmor AGLITE Ultima
<b>Wall ties</b>	Approved Document E 'Tie Type A'
<b>Cavity width</b>	75mm (min) clear cavity or
<b>Cavity Insulation Option</b>	The cavity may be insulated with mineral wool with a maximum density of 40kg/m <sup>3</sup>
<b>Block thickness</b>	100mm AGLITE Ultima each leaf
<b>Wall finish</b>	Gypsum based board (nominal 8kg/m <sup>2</sup> ) mounted on dabs on cement:sand render (nominal 8mm) with scratch finish. Typical render mix 1:1:6 to 1:1/2:4, or alternative such as British Gypsum Soundcoat Plus, Knauf Gypsum Parge Coat or Lafarge Ecoat Parge Coat, all nominal 8mm (minimum 6mm). Render mix must not be stronger than background
<b>External (flanking) wall</b>	Masonry (both leaves) with 50mm (min) cavity - clear, fully filled or partially filled with insulation

## GOOD SITE PRACTICE



- Keep cavity, insulation rolls and wall ties free from mortar droppings and debris
- Fully fill all blockwork joints with mortar.
- Make sure there is no connection between the two leaves except for wall ties, insulation and foundation.
- Ensure that only Plasmor "Aglite Ultima" blocks are used in the construction of separating and flanking walls.
- Keep any chases for services to a minimum and fill well with mortar.
- Ensure compliant acoustic insulation is specified and fitted in accordance with manufacturer's specifications. Ensure all acoustic insulation is tightly butted together and half cuts are made with a clean knife.
- Ensure that render is applied to the complete face of each leaf with a scratch finish (it may be omitted within the floor joist/beam zone) - E-WM-12 only.

**FIXED FEE**  
**£399**  
PER DWELLING\*  
+ VAT

## E5 BEAM AND BLOCK Ground Floor Junction

PTM-015

1. The R-value of the perimeter insulation should be at least 0.8m<sup>2</sup>K/W

2. Ensure the floor insulation is tightly butted against the external wall

3. Continue the cavity insulation at least 150mm below the top of the floor insulation

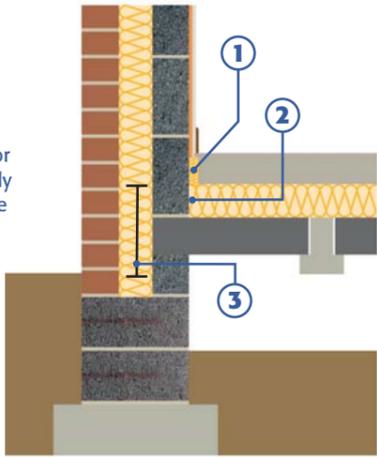


TABLE K1 APPROVED  $\psi = 0.16$

100mm Full Fill  $\lambda 0.032$   $\psi = 0.067$

50/50mm Partial Fill  $\lambda 0.022$   $\psi = 0.066$

NB Based upon 150mm  $\lambda 0.022$  Floor Insulation

## E3 WINDOW SILL

PTM-042

1 Close the cavity with proprietary cavity closure

2 Minimum frame overlap to be 30mm

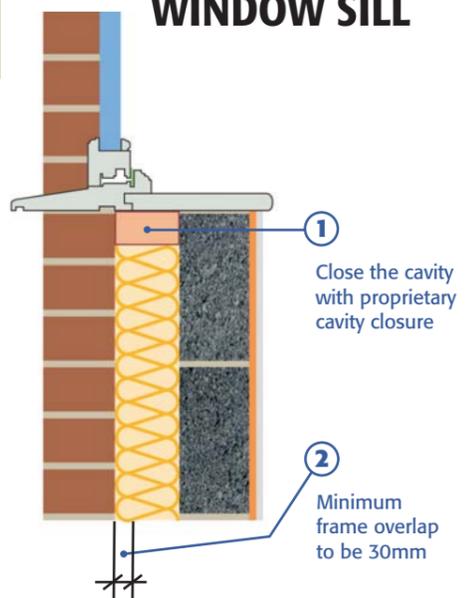


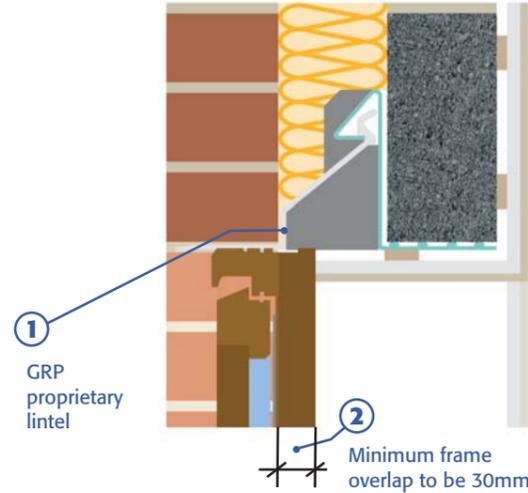
TABLE K1 APPROVED  $\psi = 0.040$

100mm Full Fill  $\lambda 0.032$   $\psi = 0.012$

50/50mm Partial Fill  $\lambda 0.022$   $\psi = 0.016$

NB Based upon Thermabate cavity closer

## E2 LINTEL Keystone Hi-Therm



1 GRP proprietary lintel

2 Minimum frame overlap to be 30mm

TABLE K1 APPROVED  $\psi = 0.300$

100mm Full Fill  $\lambda 0.032$   $\psi = 0.030$

50/50mm Partial Fill  $\lambda 0.022$   $\psi = 0.050$

## E18 PARTY WALL Robust Detail EWM-22

PTM-012

1 Ensure continuity of insulation between external and separating wall

2 Fill the separating wall cavity with insulation in accordance with Robust Detail

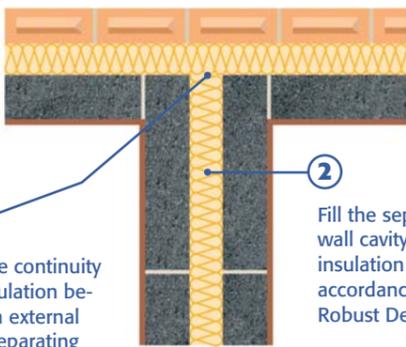


TABLE K1 APPROVED  $\psi = 0.060$

100mm Full Fill  $\lambda 0.032$   $\psi = 0.040$

50/50mm Partial Fill  $\lambda 0.022$   $\psi = 0.042$

## E4 WINDOW JAMB

PTM-045

1 Minimum frame overlap to be 30mm

2 Install proprietary cavity closure

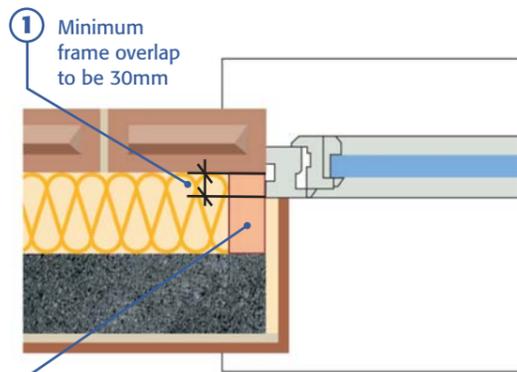


TABLE K1 APPROVED  $\psi = 0.050$

100mm Full Fill  $\lambda 0.032$   $\psi = 0.015$

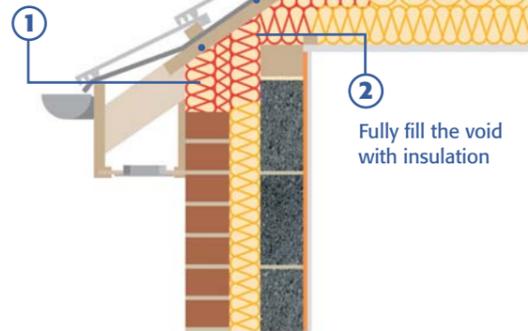
50/50mm Partial Fill  $\lambda 0.022$   $\psi = 0.019$

NB Based upon Cavalok cavity closer

## E10 EAVES Insulation at Ceiling Level

PTM-005

Ensure continuity insulation between the loft and the external wall



2 Fully fill the void with insulation

TABLE K1 APPROVED  $\psi = 0.060$

100mm Full Fill  $\lambda 0.032$   $\psi = 0.039$

50/50mm Partial Fill  $\lambda 0.022$   $\psi = 0.039$

NB Based upon 400mm loft roll  $\lambda 0.044$

# SAP COMPLIANCE

## COST SAVING MEASURES

### A FIXED FEE ONE STOP SHOP

CONSULTATIVE ADVICE & SERVICES INCLUDING:-

- SAP Rating calculation, registration & provision
- Part L Building Regs. (Thermals) compliance
- Part E Building Regs. (Acoustics) compliance
- Thermal Bridging calculations
- AIR PRESSURE TESTING
- Energy Performance Certificate issue

FULL FREE SPECIFICATION CONSULTATION:

- Renewable Technologies
- Thermal Bridging
- Insulated Party Walls
- Lighting
- Heating
- Water

**PART L1A**  
6th March  
**2014**  
COMPLIANT

## SIMPLY SAP TOTAL COMPLIANCE PACKAGE

- Your ONE SOURCE for all certification
- PROFESSIONALS with you from plan to completion
- A FIXED FEE One Stop Shop
- \*DISCOUNTS for multiple dwellings
- COST SAVING ADVICE to improve your SAP rating

**Plasmor**  
CONCRETE PRODUCTS

Competitive **BUILDING BLOCK** QUOTATION with REBATE of **£3.00 PER PACK** Per Plot Registered

**Plaspave**  
LANDSCAPE PRODUCTS

Competitive **PAVING BLOCK** QUOTATION with REBATE of **£5.00 PER PACK** Per Plot Registered

AGLITE Ultima

Plaspave

For further information consult your Local Representative or contact Plasmor  
Technical Helpline: 01977 673221 Email: [technical@plasmor.co.uk](mailto:technical@plasmor.co.uk)

Keep it Traditional  
USING LOCALLY SOURCED BUILDING MATERIALS

**Plasmor**  
CONCRETE PRODUCTS

**HELP FOR BUILDERS**

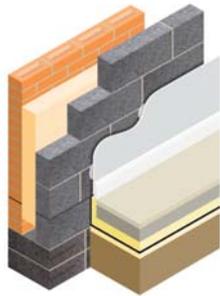
## THERMAL SOLUTIONS

The illustrations shown here are just a few examples of wall constructions that achieve a U value of **0.28 W/m²K or better**

For further information or calculations contact our

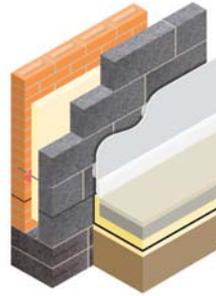
**Technical Helpline**  
**01977 673221**

*PLEASE NOTE: To comply with NHBC requirements, a 50mm clear cavity is assumed in conjunction with partial fill insulation materials.*



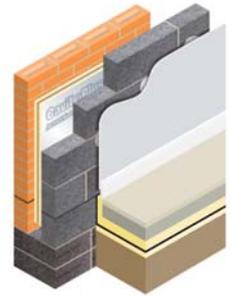
BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
100mm Superwall 36  
INTERNAL FINISH  
Plasterboard on dabs

**0.28W/m²K**



BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
50mm Partial Fill PIR λ0.022  
INTERNAL FINISH  
Plasterboard on dabs

**0.27W/m²K**



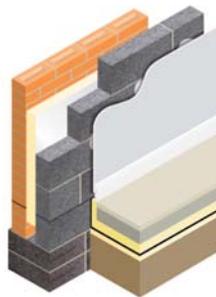
BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
50mm Xtratherm X021  
with 50mm clear cavity  
INTERNAL FINISH  
Plasterboard on dabs

**0.26W/m²K**



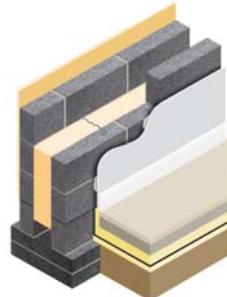
BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
100mm Full Fill λ0.032  
INTERNAL FINISH  
Plasterboard on dabs

**0.25W/m²K**



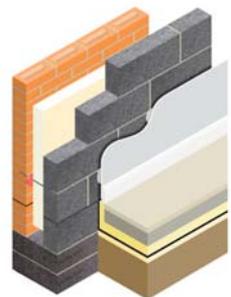
BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
75mm Xtratherm CavityTherm  
INTERNAL FINISH  
Plasterboard on dabs

**0.23W/m²K**



BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
125mm Full Fill λ0.032  
INTERNAL FINISH  
Plasterboard on dabs

**0.21W/m²K**



BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
75mm Partial Fill PIR λ0.022  
with 50mm clear cavity  
INTERNAL FINISH  
Plasterboard on dabs

**0.20W/m²K**



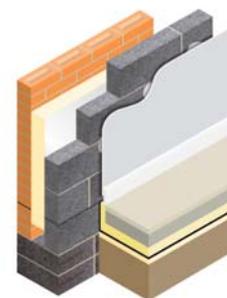
BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
100mm Xtratherm CavityTherm  
INTERNAL FINISH  
Plasterboard on dabs

**0.18W/m²K**



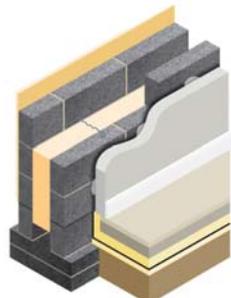
BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
100mm Full Fill λ0.032  
INTERNAL FINISH  
40mm Xtratherm Safe-R on dabs

**0.18W/m²K**



BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
150mm Full Fill λ0.032  
INTERNAL FINISH  
60mm Siniat Thermal K Board

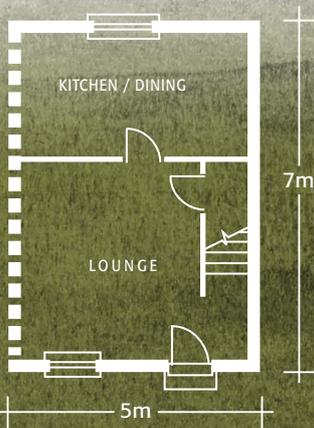
**0.13W/m²K**



BLOCKWORK  
100mm **AGLITE** Ultima  
CAVITY INSULATION  
125mm Isover Hi Cav 32  
INTERNAL FINISH  
70mm Gyproc Thermaline Super

**0.13W/m²K**

BUILDING A SUSTAINABLE FUTURE



This is the **AGLITE** Ultima®  
LIGHTWEIGHT AGGREGATE BLOCKS  
**ONE BLOCK - ONE HOUSE**

Shown here is a Part L1A 2013/SAP 2012 calculation for a typical **3 bedroom semi detached house** which demonstrates compliance with the new Part L1A 2013 requirements. By incorporating **AGLITE Ultima** blocks into the calculations, compliance is straightforward and **AGLITE Ultima** blocks also provide extra benefits - excellent sound insulation, fire resistance, durability, thermal mass, buildability and a cost effective choice for all types of construction.

**FACTORS EMPLOYED IN ACHIEVING TYPICAL COMPLIANCE**

- **1 Door** UPVC Composite **U = 1.1**
- **Warm Living Area** **= 25m²**
- **Total Opening** of floor area **= 18%**
- **100% Low Energy Lighting**
- **Windows** UPVC, Double Glazed, Low E Soft Coat Glass **U = 1.2**
- **Glazing** **= 12.62m²**  
6 x 0.9m x 1.35m  
2 x 0.9m x 0.9m  
1 x 1.77m x 2.1m
- **Air Pressure** tested to **5m³/(h.m²)**
- **Extract Fans** **2**

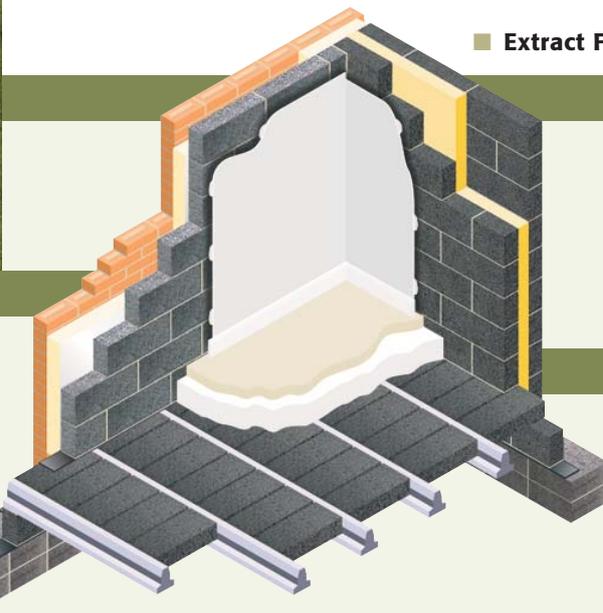
**WALLS - MAIN**

- 102mm Facing Brick
- 100mm Full Fill Insulation 0.032
- 100mm **Plasmor AGLITE Ultima**
- 12.5mm Plasterboard on dabs
- 3mm skim **U = 0.25**

**ROBUST DETAILS PARTY WALL E-WM-22**

- Gypsum based board (nominal 10kg/m²) mounted on dabs
- 100mm **Plasmor AGLITE Ultima**
- 100mm Knauf Earthwool Masonry Party Wall Slab or 100 Superglass Party Wall Roll
- 100mm **Plasmor AGLITE Ultima**
- Gypsum based board (nominal 10kg/m²) mounted on dabs
- Using Approved Document E Wall 'Tie Type A' Butterfly Ties

**U = 0.00**



**ROOF PLANE**

- 200mm Roll **k = 0.040** over
- 250mm Roll **k = 0.040** between
- 12.5mm Plasterboard **U = 0.09**

**FLOOR**

- Block and Beam**
- 100mm **AGLITE Ultima**
- 150mm Insulated Board **k = 0.022**
- 65mm Screed **U = 0.12**

**HEATING**

Ideal logic ES 'enhanced load' compensator

**Controls**

Time and Temperature Zone Control  
Delayed Start Thermostat

**THERMAL BRIDGING**

Calculated using Plasmor certification **‡ 0.039**

**TYPICAL RESULT**

**TER 18.20**

**DER 17.65**

**T FEE 50.70**

**D FEE 42.90**

**= PASS**

# AGLITE Ultima<sup>®</sup>

## ECONOMICAL

Economical compliance with all relevant Building Regulations.

### 11.5kg ONE HAND LIFT

Up to 5kgs lighter than alternative breeze blocks.

### TIME SAVING

Faster laying rates due to lighter weight.

### ACOUSTIC COMPLIANCE

New proprietary Robust Detail E-WM-12, E-WM-17, E-WM-22 and E-FC-4.

### THERMAL PERFORMANCE

Part L1A 2013 compliant - u values down to 0.11W/m<sup>2</sup>K.

### LOW MOISTURE MOVEMENT

Low drying shrinkage.

## THE DEFINITIVE HOUSEBUILDER BLOCK

### FIXABILITY

Made from granular aggregates, not powder, this low density Aglite Ultima accepts all standard fixings.

### SUSTAINABLE & TRADITIONAL

Compliant with the Code for Sustainable Homes. Building in sustainability, longevity and economy using trusted, traditional methods.

### PORTABILITY

Lighter and easier to move around sites.

### HEALTH & SAFETY

Foundation 14 is sub 15kg unit weight - safer for repetitive lifting of individual units below knee level ie. foundation situations.

**AGLITE<sup>®</sup> Ultima<sup>®</sup> is a low density, lightweight load bearing block manufactured using a mix of Plasmor's own man-made expanded clay and high quality lightweight aggregates.**

**AGLITE<sup>®</sup> Ultima<sup>®</sup> is open textured to accept plaster/render, plain ended and grey in colour.**

**AGLITE<sup>®</sup> Ultima<sup>®</sup> is the cost effective 'one block on site' housebuilder block of choice.**

## PROPERTIES & PERFORMANCE

© Plasmor Limited W03.17

### Mean Compressive Strength

 4.2 N/mm<sup>2</sup> and 7.3 N/mm<sup>2</sup>.  
10.4 N/mm<sup>2</sup> to special order.

### Dry Density

 4.2 N & 7.3 N - 1050 Kg/m<sup>3</sup>.  
10.4 N - 1150Kg/m<sup>3</sup>.

### Thermal Properties (at 3% moisture)

 k = 0.31W/m°C for 4.2 and 7.3 N.  
k = 0.36W/m°C for 10.4 N.  
Ag-lite Ultima is Part L1A compliant\*.

### Moisture Movement

 Not greater than 0.60mm/m\*.

### 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\*.

### Fire Resistance

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

### Shear Bond Strength

 0.15 N/mm<sup>2</sup>.

### Fixability

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

### Mortar Designation

 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 : 1/2 : 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.



## AUTHORITY

Ag-lite 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 PACK SIZES AND WEIGHTS (Metric)

		100mm	140mm
Pack Sizes		9.6m <sup>2</sup>	6.4m <sup>2</sup>
Unit Weight	4.2/7.3N	10.9kg	15.3kg
	10.4N	11.9kg	16.7kg
Laid Weight	4.2/7.3N	113kg/m <sup>2</sup>	158kg/m <sup>2</sup>
	10.4N	123kg/m <sup>2</sup>	172kg/m <sup>2</sup>

Keep it Traditional

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