

# ALREFLEX® 2L2FR

THERMAL INSULATION &  
VAPOUR & RAIN BARRIER



## ECONOMIC SOLUTION FOR THE NEW PART L



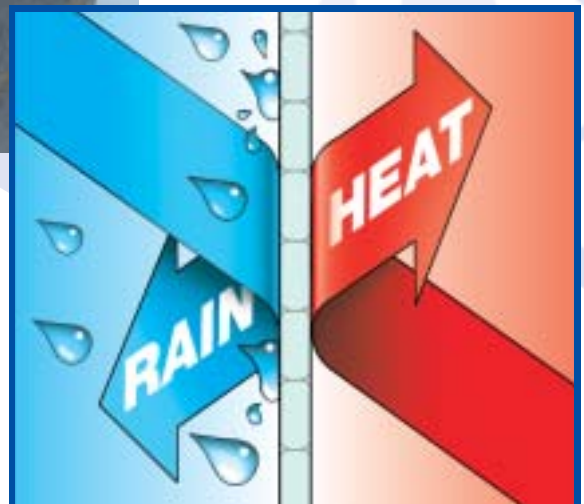
ONLY  
75MM  
CAVITY  
REQUIRED

### High performance cavity wall insulation

- ▶ Alreflex 2L2 has enjoyed a large scale usage by leading UK House Builders since 1985.
- ▶ Based on the 'whole building approach' to be adopted in the new regulations, 2L2 FR will meet the requirements for most typical house and apartment designs.
- ▶ Very cost effective solutions can be achieved in combination with aircrete blocks or thin lining boards.

- ▶ UNIQUE- rain water barrier
- ▶ Low cost
- ▶ More than 20,000 dwellings per year are successfully installed with ALREFLEX cavity wall insulation
- ▶ Unique BBA certified Rain Barrier performance
- ▶ Negligible wastage
- ▶ Easy to install, handle and store on site
- ▶ Fire retardant grade as standard

Thermal Economics provide SAP/Carbon Emission Calculations, U-Value and condensation Risk calculations for our Alreflex clients. Contact our technical department on 01582 544255 to discuss your particular project.



**Alreflex Cavity Wall Insulation and Cavity Rain Barrier. No reported water penetration across cavity walls using Alreflex products in over 20 years of usage**

# ALREFLEX® 2L2FR

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## TYPICAL SOLUTION FOR APPROVED DOCUMENT L1A 2006

With allowance for cold bridging through  
mortar joints and wall ties

### PRODUCT DESCRIPTION

Alreflex 2L2 FR comprises a double layer of polyethylene bubble sheet laminated on both sides with specially coated aluminium foil.

It is supplied in 25m rolls of widths 1.05m, 1.2m and 1.5m.

This new, second generation product provides a major improvement in terms of thermal resistance over previous foil/bubble products, and is supplied in a fire retardant grade as standard.

### BBA ASSESSMENTS

Alreflex 2L2 FR is being incorporated into existing BBA Certificate No. 93/2861

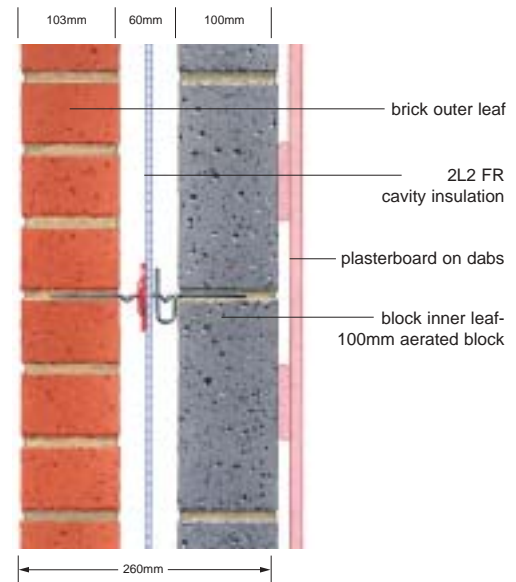
### FURTHER TESTING

Alreflex materials have also been tested to BS 874. Core values have been tested by the National Physics Laboratory (NPL).

### TECHNICAL DATA

Detailed product information and installation guidance is provided in our Alreflex 2L2 Application Manuals, available on request from Thermal Economics 'Technical Advisory Service' on 01582 544255.

U-Value = 0.35 W/m²K



Alreflex 2L2 FR as cavity insulation/rain barrier



Alreflex 2L2 FR as dry lining insulation and vapour barrier

**Alreflex 2L2 FR- fire retardant grade as standard**

**Thermal Economics**  
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