

TECHNICAL DATA SHEET

Product: Alreflex 2L2 FR
Issue Number: 004
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Product Information

Description

Alreflex 2L2 FR is a double layer of polythene bubble sheet with low-emissive aluminium foil facing on both sides, protected by a thin NC coating.

Application

Thermally insulating bubble foil to improve the thermal performance of walls or to be used in detailing work to limit cold bridging. BBA certified for use as cavity wall insulation, a cavity rain barrier or in dry-lining applications (BBA Certificate No. 90/2436) in domestic and non-domestic buildings. Can also be used as a vapour control layer when joints are sealed with Alreflex Aluminium Jointing Tape.

Appearance & Packaging

Supplied in rolls with stock sizes (*other sizes available on request*):

- 1.05m x 25m;
- 1.2m x 25m;
- 1.5m x 25m.

Physical Properties

Thickness : 6mm

Water Vapour Resistance : 150MN · s/g (*BBA Certificate No. 93/2861*)

If you require any further technical information please contact our Technical Department on 01582 544255.

Thermal Performance

Foil Emissivity	: 0.05	(BBA Certificate No. 93/2861)
Thermal Resistance of core	: $0.19\text{m}^2 \cdot \text{K/W}$	(BBA Certificate No. 93/2861)
Thermal Resistance of cavity	: $0.67\text{m}^2 \cdot \text{K/W}$	(BBA Certificate No. 93/2861)
Total Resistance	: $1.53\text{m}^2 \cdot \text{K/W}$	(BBA Certificate No. 93/2861)

The cavity is $\geq 20\text{mm}$ thickness with length ≥ 10 x thickness of cavity and unventilated. Total resistance includes resistance of Alreflex 2L2FR and a cavity adjacent to both foil faces.

Environmental Data

No CFCs, HFCs or HCFCs are used in the production of Alreflex 2L2FR.

Global Warming Potential : 0

Ozone Depletion Potential : 0