

## TECHNICAL DATA SHEET

Product: Alreflex 1L1  
Issue Number: 003  
Issue Date: May 2025

### **Product Information**

#### **Description**

Alreflex 1L1 is a single layer of polythene bubble sheet faced with low-emissive aluminium foil facing, 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 50m;
- 1.2m x 50m;
- 1.5m x 50m.

#### **Physical Properties**

Thickness : 3mm

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

#### **Thermal Performance**

Foil Emissivity : 0.05 (*BBA Certificate No. 93/2861*)

Total Resistance : 0.77m<sup>2</sup> · K/W (*BBA Certificate No. 93/2861*)

Total resistance includes resistance of Alreflex 1L1 and 25mm cavity to foil-faced side.

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

## **Environmental Data**

No CFCs, HFCs or HCFCs are used in the production of Alreflex 1L1.

Global Warming Potential : 0

Ozone Depletion Potential : 0