

TECHNICAL DATA SHEET

Product: Alreflex 2L1 OEM
Issue Number: 004
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Product Information

Description

Alreflex 2L1 OEM is a single layer of polythene bubble sheet with low-emissive aluminium foil facing on both sides.

Application

Thermally insulating bubble foil to improve the thermal performance of walls (*BBA Certificate No. 90/2436*), floors and roofs in modular buildings, caravans and temporary structures.

Appearance & Packaging

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

- 2.0m x 25m;
- 2.1m x 25m;

Physical Properties

Depth : 3mm
Surface Flame Spread : Class 0 (*BBA Certificate No. 93/2861*)
Water Vapour Resistance : 125MN · s/g (*BBA Certificate No. 93/2861*)

Environmental Data

No CFCs, HFCs or HCFCs are used in the production of Alreflex 2L1OEM.

Global Warming Potential : 0

Ozone Depletion Potential : 0

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 Alreflex 2L1OEM in various applications

Floors	R-Value
2L1OEM + Single 25mm unventilated cavity	0.89m ² K/W
2L1OEM + Single 50mm unventilated cavity	1.41m ² K/W
2L1OEM + Single 75mm unventilated cavity	1.79m ² K/W
2L1OEM + Single 100mm unventilated cavity	2.07m ² K/W
2L1OEM + Single 25 – 100mm ventilated cavity	1.16m ² K/W
Walls	
2L1OEM + 25 – 100mm unventilated cavities to each face	1.51m ² K/W
Roofs	
2L1OEM + 25 – 100mm unventilated cavities to each face	0.99m ² K/W

Resistance includes the resistance of Alreflex 2L1 and the stated cavity to one or both foil-faced sides. This figure does not include laps.