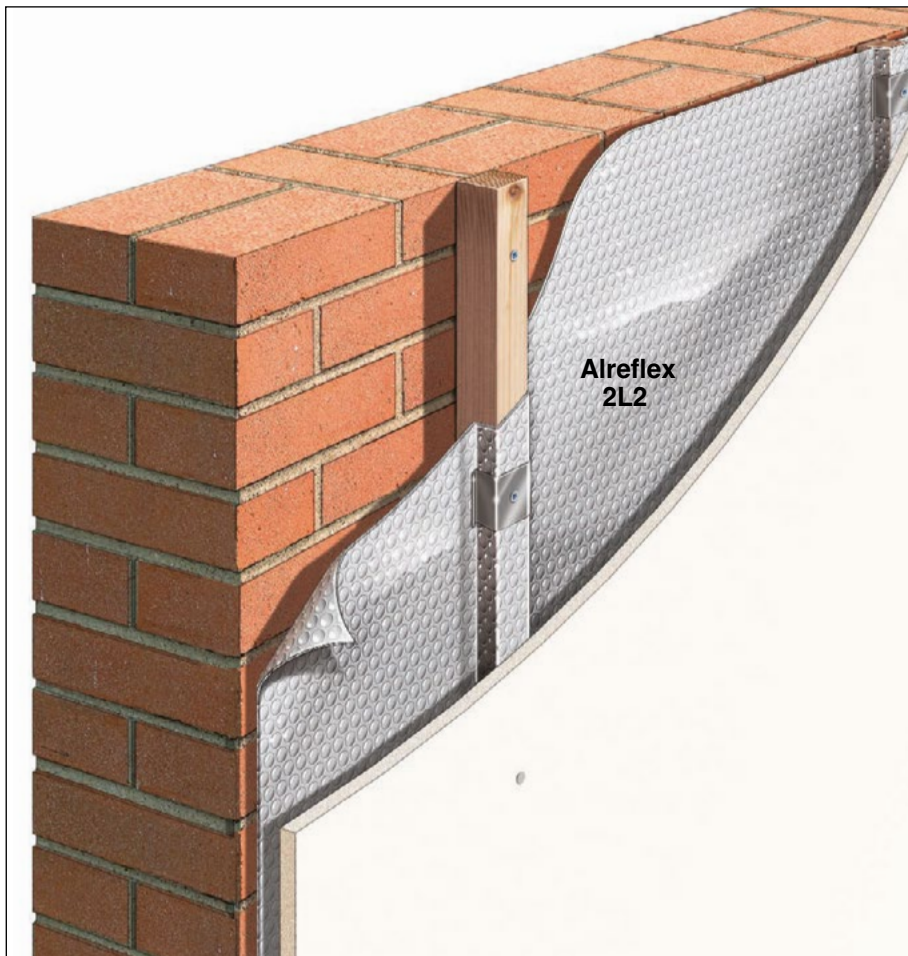


DRY LINING

ALREFLEX®
2L2
Super-R CLASS 'O'
 THERMAL INSULATION & VAPOUR & RAIN BARRIER



Double-sided Thermal Dry Lining & Damp Barrier System

- ▶ Thermal Insulation
- ▶ Damp Proofing
- ▶ Vapour/air tightness barrier created with taped joints
- ▶ Shallow build depth
- ▶ Low Cost – Alreflex 2L2 & standard plasterboard can provide a cost saving in excess of 50% over comparative Insulated Plasterboard¹
- ▶ Easy application
- ▶ Suitable for New Build, Loft conversions, Barn conversions, offices & commercial buildings
- ▶ The installation of 2L2 dry lining creates a service void behind the plasterboard
- ▶ No additional waste disposal measures necessary, unlike insulated plasterboards

1. 50mm Insulated Plasterboard used to give comparative thermal performance.

Thermal Resistance

The thermal resistance 'R' of Alreflex 2L2 Dry Lining System as shown is 1.43 m²K/w.

By comparison, a 35mm basic Thermal Board has a typical thermal resistance 'R' of 0.72 m²K/w.

Application Details

For Damp walls Alreflex 2L2 should be fixed using tanalized timber battens.

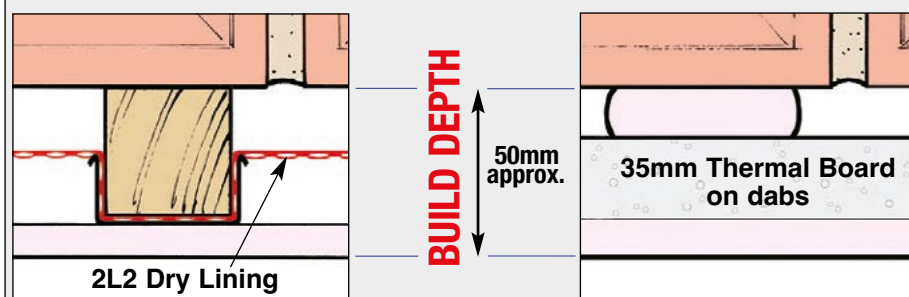
Alreflex 2L2 should be butt jointed and taped with 50mm Alreflex foil tape.

Can also be used with metal frame systems.

Packaging

Alreflex 2L2 is supplied in rolls 1.2m x 50m (60m²).

SAVES MONEY & IMPROVES U-VALUES COMPARED TO STANDARD THERMAL BOARDS



Wall construction	U-value	U-value with 2L2	Improvement
225mm Solid Brick	2.16 W/m ² K	0.60 W/m ² K	72%
Brick / Cavity / Dense Block / Plaster	1.55 W/m ² K	0.54 W/m ² K	65%
600mm Stone (K = 1.5)	1.74 W/m ² K	0.56 W/m ² K	68%

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ALL CALCULATIONS IN ACCORDANCE WITH BR443

PLEASE CONTACT THERMAL ECONOMICS FOR OUR FULL RANGE OF THERMAL & ACOUSTIC PRODUCTS FOR WALLS, ROOFS AND FLOORS