

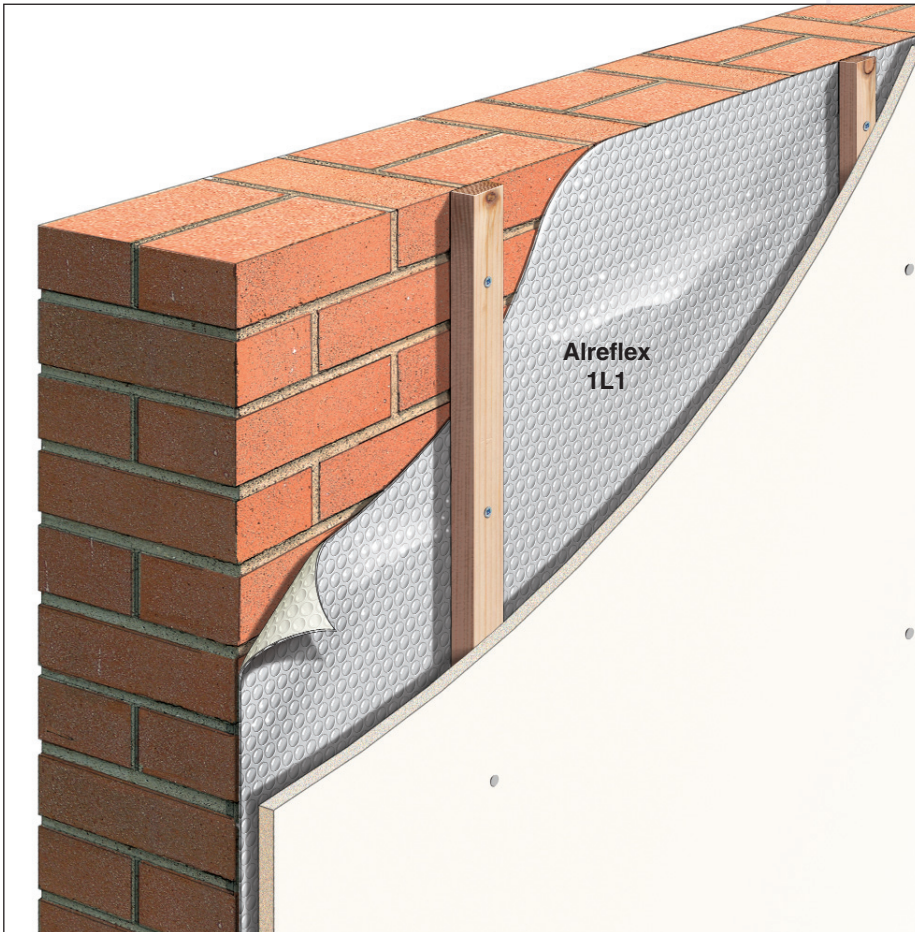
DRY LINING

ALREFLEX®
1L1
Super-R CLASS '0'
 THERMAL INSULATION & VAPOUR & RAIN BARRIER



Single-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 1L1 & standard plasterboard provides a 20% saving over insulated plasterboard
- ▶ Easy application
- ▶ Suitable for New Build, Loft conversions, Barn conversions, offices & commercial buildings
- ▶ Suitable for use under the Green Deal scheme
- ▶ Alreflex 1L1 has a class '0' spread of flame fire rating
- ▶ The installation of 2L2 dry lining creates a service void behind the plasterboard
- ▶ No additional waste disposal measures necessary, unlike insulated plasterboards



Thermal Resistance

The thermal resistance 'R' of Alreflex 1L1 Dry Lining System as shown is 0.88 m²k/w.

By comparison, a 35mm Thermal Board has a typical thermal resistance of 'R' 0.85 m²k/w.

Application Details

For Damp walls 1L1 should be fixed directly to the wall surface with tanalized timber battens, **aluminium foil facing inwards to room.**

For dry walls the battens can be first fitted to the wall with 1L1 stapled on and **aluminium foil facing outwards to wall.**

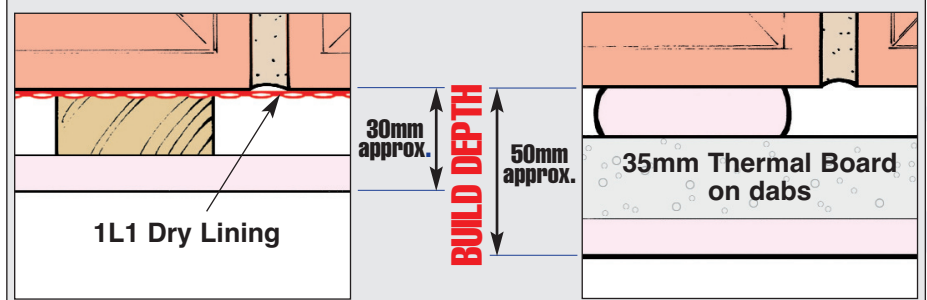
1L1 should be butt jointed and taped with 50mm Alreflex foil tape.

Can also be used with metal frame systems.

Packaging

Alreflex 1L1 is supplied in rolls 1.2m x 50m (60m²).

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



Wall construction	U-value	U-value with 1L1	Improvement
225mm Solid Brick Wall	2.09 W/m ² K	0.86 W/m ² K	59%
Brick / Cavity / Dense Block / Plaster	1.55 W/m ² K	0.75 W/m ² K	52%
600mm Stone	1.67 W/m ² K	0.77 W/m ² K	54%



NHER

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