

NEW



REFLECT+

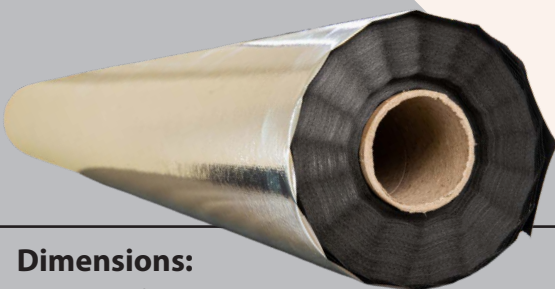
REFLECTIVE VAPOUR CONTROL

HIGHLY REFLECTIVE VAPOUR CONTROL MEMBRANE

TLX Reflect+ is a highly reflective air and vapour control layer (AVCL), utilising a low emissivity surface to enhance the thermal performance of your building. TLX Reflect+ should be installed facing into a still airgap to gain maximum performance using this free cavity. The low emissivity surface combined with this still air greatly outperforms the thermal properties of conventional vapour control layers.

TLX Reflect+ is lightweight and easy to install, offering excellent thermal resistance, minimising heat loss and energy transfer. The product should be installed with a high strength aluminised adhesive tape to seal all joins. The tape stops air and vapour movement and compliments the reflective surface of TLX Reflect+, this will reduce air leakage and allow fixings to be installed through the double layered sealing laps. Produced in the UK using the latest technology to reduce costs and maximise performance, TLX Reflect+ is suitable for timber, masonry or steel construction.

TLX Reflect+ is installed on the warm side of the building next to the insulation to significantly improve thermal performance and reduce air leakage whilst preventing condensation.



Dimensions:
1.5m x 50m

TLX **THERMAL HOTLINE**
01204 674730

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BENEFITS

- ▶ Excellent air and vapour resistance.
- ▶ Delivers an airtight system when installed with aluminised tape.
- ▶ Compliant with Building Regulations.
- ▶ Low emissivity reflective surface greatly enhances the thermal performance of the building.
- ▶ Helps mitigate condensation risk in accordance with BS 5250.
- ▶ Tough, durable and strong.
- ▶ Easy to cut and lightweight to handle.



IMPROVEMENT IN THERMAL RESISTANCE VALUES USING TLX REFLECT+

| Heat flow | Airspace (mm) | Unventilated airspace: With no special treatment (m ² K/W) | With TLX Reflect+ facing airspace(m ² K/W) |
|------------|---------------|--|--|
| Horizontal | ≥20 | 0.18 | 0.73 |
| Upwards | ≥13 | 0.16 | 0.48 |

TLXREFLECT+ PERFORMANCE

| | |
|---|----------|
| Nail tear strength (N) to EN 12310-1 with mods | 31/48 |
| Tensile strength (N/50mm) to EN 12311-1 with mods | 290/365 |
| Resistance to water vapour transmission (S _d) | 370 |
| Emissivity of the surface (ε) unaged to BS EN 15976 | 0.04 |
| Weight(g/m ²) | 91 |
| Resistance to water penetration to BS EN 1928 with mods | Pass |
| Roll size | 1.5mx50m |



**THERMAL
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TLX Insulation Ltd, Moss Lane, Station
Road Blackrod, Lancs BL6 5JB
Telephone: +44 (0)1204 695666
Fax: +44 (0)1204 695333

www.tlxinsulation.co.uk