

NEW



REFLECT+

REFLECTIVE VAPOUR CONTROL

HIGHLY REFLECTIVE VAPOUR CONTROL MEMBRANE

GENERAL FITTING INSTRUCTIONS

- ▶ Protective clothing is not required when handling TLX Reflect+.
- ▶ Bare electrical wiring must not be allowed in contact with TLX Reflect+. PVC coated electrical wiring to normal domestic items such as light fittings may come in contact with TLX Reflect+.
- ▶ Electrical cables may need to be de-rated, and guidance should be sought from a qualified electrician.
- ▶ TLX Reflect+ should not come into contact with heat sources above 80°C such as hot pipes or flues.
- ▶ TLX Reflect+ should not come into contact with organic solvents.
- ▶ TLX Reflect+ is suitable for use in timber and masonry wall constructions and pitched ceilings of normal humidity rooms (40-70%). TLX Reflect+ isn't recommended for use if the humidity of the room is expected to exceed 70%.

FIXING INSTRUCTIONS – WALLS & CEILINGS

- ▶ Before installing TLX Reflect+, ensure that any wood preservatives, damp-proofing treatments, renders or any wet trades have fully dried out.
- ▶ To be effective TLX Reflect+ must be installed on the warm side of the insulation with the reflective side facing a still air gap of at least 10 mm.
- ▶ Install TLX Reflect+ in accordance with the following instructions and with the relevant standards, for example BS 9250 Code of Practice for design of the airtightness of ceilings in pitched roofs.
- ▶ Ensure the reflective surface of TLX Reflect+ is kept clean throughout the install process to maintain its thermal performance.
- ▶ Roll out TLX Reflect+ to the required length, fix into position, at approx 250 mm centres, either by nailing or stapling to timber studs or battens. Self tapping screws with washers should be used for metal frame constructions.
- ▶ TLX Reflect+ should be lapped by a minimum of 100 mm. It is recommended that joints should coincide with battens, studs, rafters etc. All joints should be sealed with reflective, high tack tape.
- ▶ It is important that TLX Reflect+ is securely taped at junctions with walls and windows etc, using a reflective, high tack tape to ensure it remains airtight.
- ▶ Cut TLX Reflect+ neatly to allow for any required services and subsequently seal using reflective, high tack tape.



We've got the answers... just ask

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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.

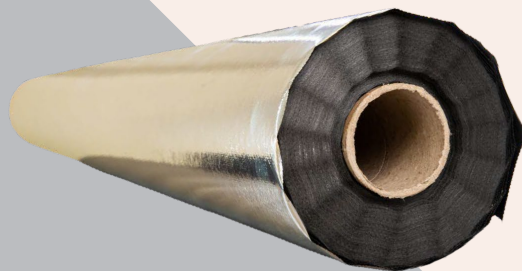


IMPROVEMENT IN THERMAL RESISTANCE VALUES USING TLX REFLECT+

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



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THE NATIONAL FEDERATION OF
ROOFING CONTRACTORS LIMITED

TLX

**THERMAL
HOTLINE**

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