

Technical data sheet

CSTB
AT 20/09-146

Expert⁵⁰



ETA 10/0011

Technologie Superpose[®]



REFLECTIVE MULTILAYER INSULATION

Thickness : 50 mm \pm 10%

Composition (13 parts) :

- 2 reinforced metallised polyester foils 100 μ
- 6 polyester wadding layers 80g/m²
- 5 metallised polyester films 12 μ

DATA SHEET

- Width: 1,45 m (overall: 1,50 m)
- Length of the roll: 10.35 ml
- Surface covered by one pack: 15 m²
- Mass per unit area: 755 gr/m²
- Weight of the roll: around 12 Kg

TECHNICAL PERFORMANCE

- Thermal conductivity (λ) : 0,033 W/m^{°K} per standard EN 12667 and ISO 8302
- Internal Thermal Resistance: 1,5 m^{2°K}/W
- Thermal Resistance with 2 air layers measured with the CSTB Guarded Hot Box: 2,49 m^{2°K}/W
- Tensile Strength: 275 N/50 mm
- Tearing Resistance: 200 N
- Salt fog test : pass
- Emissivity : 0,08 \pm 0, 02
- Insulation performance : constant over the time
- EXPERT⁵⁰ does not give rise to condensation in normal laying conditions
- Non-toxic, non-allergenic product

PACKAGING

- Box of 8 packs / 2-box pallet = 16 packs
- Box size: L 1.50m x w 0.80m x h 1.30m
- 2-box pallet: L 1.50m x w 0.80m x h 2.60m
- Weight of box: 100 kg approx.
- Weight of the pallet: 200 kg approx.
- Platform or lorry : 24 pallets or 384 packs

AREA of USE

- Roof & walls

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- Incorporates edge-joining adhesive strip
- Marked out in length units for cutting
- No heat bridge between webs
- Regular overlapping of webs



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