



# **VapourTX**<sup>®</sup> THERMO

## Reflective Vapour Control Layer

Don & Low VapourTX<sup>®</sup> Thermo is a highly reflective AVCL (air and vapour control layer) with an aluminium foil lamination to offer a low emissivity when faced with unventilated airspace to improve the thermal performance of floors, walls and ceilings. The product is suitable for all construction methods, including timber frame, steel frame, modular and masonry build-ups. The product can be used to improve the overall U-Value or can be specified as part of project cost management to reduce the thickness or type of insulation.

VapourTX<sup>®</sup> Thermo is to be used on the warm side of the insulation to create an air and vapour-tight barrier to help comply with BS5250 and reduce the risk of harmful condensation build-up within the frame. The low emissivity foil will help achieve the U-Value requirements stipulated in Part L and its airtight properties make the product suitable for PassivHaus and Net Zero Carbon projects to minimise air leakage and subsequent heat loss.

VapourTX<sup>®</sup> Thermo is supplied with red branding to make it quickly identifiable when used on the warm side of the insulation. It can be used in conjunction with Don & Low Reflectashield on the external side of the insulation to create the most thermally efficient wall build-up. Don & Low Reflective Tape can seal laps and joints to ensure a complete air and vapour-tight barrier.

If you have any questions about U-Value calculations, product specifications, detailing or installation, contact the Don & Low Technical team at 0808 169 4444 or [membranes@donlow.co.uk](mailto:membranes@donlow.co.uk).



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**Built on Tradition,  
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Since 1792**

Construction hotline  
**0808 169 4444**

**MADE  
IN THE UK**



## Benefits

- Excellent Thermal Resistance 0.79m2K/W
- Provides a complete air and vapour-tight barrier due to high air and vapour resistance
- It can be used to comply with BS5250 and Part L
- Suitable for use in PassivHaus and Net Zero Carbon projects
- Coated to ensure aluminium foil is resistant to corrosion and damage
- Durable product with high nail tear and tensile properties
- Independently 3rd party-certified by BM TRADA to ensure product performance
- UK Manufactured

TEST	METHOD	VapourTX® Thermo						
Product Code		RCL 142						
Mass Per Unit Area (g/m <sup>2</sup> )	EN1849-2	142 (+/- 10)						
Reaction to Fire	EN11925-2	Class E						
Water Vapour Resistance (Sd)	EN1931	150 m						
Vapour Resistance (MN/sg)	EN1931	750						
Water Penetration	EN1928	Class W1						
Tensile Strength (N/5cm)	EN12311-1	MD	260	(-60)	CD	200	(-50)	
Elongation (%)	EN12311-1	MD	59	(-20)	CD	70	(-20)	
Tear Resistance (N)	EN12310-1	MD	155	(-55)	CD	155	(-55)	
Flexibility at low temperature	EN1109	No cracking at minus 40° C						
Thermal Resistance (m2K/W)	EN ISO 8990	0.79 horizontally / 0.58 vertically						

### All products are manufactured under BS EN ISO 9001.

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