

# It's a Wrap.

When it comes to maximising **thermal performance**, look no further. **Don & Low's** reflective membranes are the ultimate solution. **Reflectashield®**, a reflective breather membrane for the cold side, and **VapourTX® Thermo**, a reflective vapour control layer for the warm side of the insulation, work together to enhance energy efficiency and ensure lasting durability in timber frame, steel frame and modular build-ups.



Thermal  
Excellence  
Inside Out

 **Reflectashield®**

 **VapourTX®**  
THERMO

## Benefits

- Excellent Thermal Resistance of 0.81m<sup>2</sup>K/W
  - Provides a weather-resistant covering until the final façade has been installed
  - Can be left exposed for 6-12 weeks as STA Advice Note 18
  - Aids in complying with BS5250 and Part L
  - Low vapour resistance aids in mitigating the risk of interstitial condensation
  - 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
- Excellent Thermal Resistance 0.79m<sup>2</sup>K/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		Reflectashield®	VapourTX® Thermo
Product Code		RFL 134	RCL 142
Mass Per Unit Area (g/m <sup>2</sup> )		134g/m <sup>2</sup> (+/- 13 g/m <sup>2</sup> )	142
Reaction to Fire		Class E	Class E
Water Vapour Resistance (Sd)		0.083 m (+/- 0.011)	150 m
Water Penetration		Class W2 Before & After ageing	Class W1
Vapour Resistance (MN/sg)		0.41	750
Tensile Strength (N/5cm)	Before ageing	MD230/CD150	MD260/CD200
	After ageing	MD190/CD130	
Elongation (%)	Before ageing	MD60/CD80	MD 59/CD 70
	After ageing	MD45/CD50	
Tear Resistance (N)		MD160/CD160	MD 155/CD 155
Air Permeability (50Pa)		28.0 m <sup>3</sup> /m <sup>2</sup> /hr	
Emissivity		0.05	
Thermal resistance (m <sup>2</sup> K/W)		0.81 horizontally	0.79 horizontally / 0.58 vertically

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

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