



# Reflectashield®

## Engineered to Perform, Built to Last

Don & Low Reflectashield® is a highly reflective breather membrane with an aluminium foil lamination that offers low emissivity when faced with unventilated airspace. The product is suitable for all construction methods, including timber frame, steel frame and modular build-ups. You can use it to improve the overall U-value or specify as part of project cost management to reduce the thickness or type of insulation. Reflectashield® can provide a temporary weather-resistant covering for the frame until the final façade has been installed.

Reflectashield® is to be used on the cold side of the insulation to create a temporary weather-resistant covering. Its low vapour resistance helps comply with BS5250 and reduces the risk of harmful condensation build-up within the frame by allowing water vapour to pass through the membrane and disperse into the atmosphere. The low emissivity foil will also help achieve the U-Value requirements stipulated in Part L.

Reflectashield® is supplied with blue branding to make it quickly identifiable when used on the cold side of the insulation. It can be used in conjunction with Don & Low VapourTX® Thermo on the internal face of the insulation to create the most thermally efficient wall build-up. Don & Low Reflective Tape can be used as a repair tape in the event of any damage to the membrane whilst it is left exposed.

If you have 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).



**Don & Low**  
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**Built on Tradition,  
Driven by Innovation  
Since 1792**

Construction hotline  
**0808 169 4444**



## 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

TEST	METHOD	Reflectashield®						
Product Code		RFL 134						
Mass Per Unit Area (g/m <sup>2</sup> )	EN 1849-2	134g/m <sup>2</sup> (+/- 13 g/m <sup>2</sup> )						
Reaction to Fire	EN 11925-2	Class E						
Water Vapour Resistance (Sd)	EN ISO 12572	0.083 m (+/- 0.011)						
Water Penetration	EN 13111	Class W2 Before & After ageing						
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	<b>MD</b>	230	(-60)	<b>CD</b>	150	(-45)
		After ageing	<b>MD</b>	190	(-60)	<b>CD</b>	130	(-45)
Elongation (%)	EN 12311-1	Before ageing	<b>MD</b>	60	(-20)	<b>CD</b>	80	(-20)
		After ageing	<b>MD</b>	45	(-20)	<b>CD</b>	50	(-20)
Tear Resistance (N)	EN 12310-1	<b>MD</b>	160	(-55)	<b>CD</b>	160	(-55)	
Flexibility at low temperature	EN 1109	No cracking at minus 40° C						
Air Permeability (50Pa)	EN 12114	28.0 m <sup>3</sup> /m <sup>2</sup> /hr						
Emissivity	EN 15976	0.05						
Thermal resistance (m <sup>2</sup> K/W)	EN ISO 8990	0.81 horizontally						

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

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