



A Cut Above.

Proudly made in the **UK** for almost **30** years, **Roofshield®** is the real deal in air and vapour permeable roofing membranes. Super strong, durable, **the original**, this construction gem can withstand anything nature throws its way. Now available at a more competitive price than ever before.



 **Roofshield®**

Forever Original



donlow.co.uk

Benefits

Vapour Permeability

With a vapour resistance of 0.065 MNs/g and an Sd-value of 0.013m, Roofshield stands out as one of the most vapour-permeable membranes available.

BBA Certification

Fully certified for both non-ventilated warm or cold roof applications since 1996, Roofshield maintains its position as the first membrane certified for use in cold non-vented roofs.

Air Permeability

Facilitating air movement and moisture diffusion, Roofshield prevents condensation, dealing adeptly with higher moisture levels during building drying periods.

NHBC Acceptance

With a certified air permeability of 34.4m³/m² h.50Pa, Roofshield eliminates the need for additional high-level ventilation on NHBC-approved projects, ensuring consistent specifications across diverse projects.

Uniform Airflow

Roofshield's air permeability ensures more consistent airflow through non-ventilated roofs compared to roofs ventilated per BS5250, without the need for elaborate ventilation hardware.

No Vapour Control Layer (VCL) Required

Uniquely, the BBA explicitly states that a vapour control layer is unnecessary for non-ventilated cold-pitched roof constructions using Roofshield.

Water Resistance

Rated W1 under EN13859-1, Roofshield can endure a water column of over a meter without leakage, providing temporary weather protection to the building envelope for up to 3 months when exposed.

BS5534 Compliance

Independently tested and compliant across the UK, Roofshield, without the need for high-level ventilation or a vapour control layer remains the simplest and most cost-effective method to meet regulatory standards.

Test	Method	Roofshield®				
Mass Per Unit Area (g/m ²)	EN 1849-2	196 g/m ²				
Wind Zone		1-5 ¹				
Reaction to Fire	EN 11925-2	Class E				
Water Vapour Resistance (Sd)	EN ISO 12572	0.013 m				
Air Permeability (50 Pa)	EN 12114	≥34.4 m ³ /m ² .hr50Pa				
Water Penetration	EN 1928	Class W1 before & after ageing				
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	MD	390	CD	230
		After ageing	MD	330	CD	190
Elongation (%)	EN 12311-1	Before ageing	MD	55	CD	75
		After ageing	MD	40	CD	60
Tear Resistance (N)	EN 12310-1	MD	230	CD	275	
Flexibility at low temperature	EN 1109	No cracking at minus 60°C				

MD = machine direction, CD = cross/transverse direction

¹ see technical datasheet



All products are manufactured under BS EN ISO 9001.

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