

Technical Information

Roofshield® is a very low resistance vapour and air permeable roofing underlay. It is strong, durable & flexible allowing for easy installation, and offers temporary protection against wind driven rain, snow & dust. Roofshield® conforms to the Construction Products Regulation (EU Regulation No. 305/2011), Underlay for discontinuous roofing (Annex ZA of EN 13859-1) and is manufactured under control of an ISO 9001 quality management system.

TEST	METHOD	Roofshield®						
Product Code		RFS 196						
Mass Per Unit Area (g/m ²)	EN 1849-2	196 (+/- 14)						
Reaction to Fire	EN 11925-2	Class E						
Water Vapour Resistance (Sd)	EN ISO 12572	0.011 m (+/- 0.005)						
Water Penetration	EN 1928	Before ageing	Class W1					
		After ageing	Class W1					
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	MD	390	(-80)	CD	230	(-60)
		After ageing	MD	330	(-80)	CD	190	(-60)
Elongation (%)	EN 12311-1	Before ageing	MD	55	(-20)	CD	75	(-20)
		After ageing	MD	40	(-20)	CD	60	(-20)
Tear Resistance (N)	EN 12310-1	MD	230	(-50)	CD	275	(-50)	
Flexibility at low temperature	EN 1109	No cracking at minus 60°C						
Air Permeability (50 Pa)	EN 12114	≥34.4 m ³ /m ² /hr						

Conditions applicable to the end use of the product

Rolls should be stored flat or on a clean, level surface and kept under cover. Once the underlay is applied to the roof, the primary roof covering should be installed within one month.

Method of Installation

The membrane should be installed as detailed in National Building regulations and relevant agreement certification for this product – see certification logos/numbers below. Any guidelines concerning installation that are supplied with the product should be consulted prior to laying. For general information – the membrane should be unrolled across the roof colour side up and draped a minimum of 150mm onto the proprietary eaves carrier. The membrane should be fixed to the rafters or boarded sarking, subsequent rows should be lapped by 150mm to shed water out and down the slope. Adjacent rolls should be lapped by 100mm.



Don & Low reserves the right to change specifications or other product information. Don & Low accepts no responsibility or liability for information provided by third parties. No warranties, express or implied, are offered regarding the suitability of any product for your use, as site conditions and customer requirements vary. Should you require further information, please contact us. Products are sold subject to the seller's terms and conditions of sale. No warranty or immunity is offered against infringement of patents or other intellectual property rights.

©Don & Low Limited, 2024. The intellectual property in the products is owned and protected by Don & Low or its licensors.

Don & Low Ltd, Glamis Road, Forfar, Angus, DD8 1FR, Scotland, UK

Sales Tel: +44(0)1307 452200 email: enquiries@donlow.co.uk

Technical Tel: 0808 169 4444 email: membranes@donlow.co.uk • www.donlow.co.uk

Issue 10
August 2024

