



Low resistance vapour permeable air barrier roofing underlay

Technical Information

Daltex® RoofTX® Optima is a low resistance vapour permeable air barrier roofing underlay. It is durable, flexible & lightweight allowing for easy installation, and offers temporary protection against wind driven rain, snow & dust.

Daltex® RoofTX® Optima 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.

Product Characteristics

Product Code			FNS 92			
Mass per unit area	EN 1849-2			92/m ² (+/- 10 g/m ²)		
Reaction to Fire	EN 13501-1			Class D, d2*		
Water vapour resistance Sd	EN ISO 12572			0.029 m (+/- 0.01)		
Water penetration	EN 1928	Before ageing:	Class W1			
		After ageing:	Class W1			
Tensile strength	EN 12311-1	Before ageing:	MD 230 N (- 50 N)	CD 125 N (- 30 N)		
		After ageing:	MD 190 N (- 50 N)	CD 100 N (- 30 N)		
Elongation	EN 12311-1	Before ageing:	MD 65 % (-20%)	CD 70 % (-20%)		
		After ageing:	MD 35 % (-20%)	CD 40 % (-20%)		
Tear resistance	EN 12310-1			MD 75 N (- 40 N)	CD 80 N (- 40 N)	
Flexibility at low temperature	EN 1109			No cracking at minus 40°C		

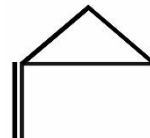
* When tested to EN 11925-2

Conditions applicable to the end use of the product

Rolls should be stored flat, on a clean, level surface and kept under cover. Once the underlay is applied the primary 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 believes that the information provided herein is accurate as at the date of publication. The information does not form part of any contract. 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, 2017. The intellectual property in the products is owned and protected by Don & Low or its licensors.