

# Technical Information

## Low resistance vapour permeable air barrier roofing underlay

Daltex<sup>®</sup> RoofTX<sup>®</sup> 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<sup>®</sup> RoofTX<sup>®</sup> 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.

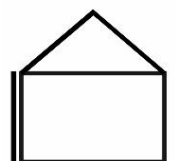
TEST	METHOD	RoofTX <sup>®</sup> Optima			
Product Code		FNS 92			
Mass Per Unit Area (g/m <sup>2</sup> )	EN 1849-2	92	(+/- 10)		
Reaction to Fire	EN 11925-2	Class E			
Water Vapour Resistance (Sd)	EN ISO 12572	0.029 m (+/- 0.01)			
Water Penetration	EN 1928	Before ageing	Class W1		
		After ageing	Class W1		
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	<b>MD</b> 230 (-50)	<b>CD</b> 125 (-30)	
		After ageing	<b>MD</b> 190 (-50)	<b>CD</b> 100 (-30)	
Elongation (%)	EN 12311-1	Before ageing	<b>MD</b> 65 (-20)	<b>CD</b> 70 (-22)	
		After ageing	<b>MD</b> 35 (-20)	<b>CD</b> 40 (-22)	
Tear Resistance (N)	EN 12310-1	<b>MD</b> 75 (-40)	<b>CD</b> 80 (-40)		
Flexibility at low temperature	EN 1109	No cracking at minus 40°C			

### 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 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.



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