

Technical Information

Breather Membrane for roofs, timber and steel frame walls

Daltex[®] FrameTX[®] Maxi is a vapour permeable, air barrier, high performance breather membrane, for use in timber & steel frame constructions and as a roofing underlay. It is durable, flexible & lightweight allowing for easy installation, and offers temporary protection for timber frames against wind driven rain, snow & dust. Daltex[®] FrameTX[®] Maxi conforms to the Construction Products Directive (89/106/EEC) & to the Construction Products Regulation (EU Regulation No. 305/2011 as it has effect in the United Kingdom), Underlay for walls (Annex ZA of EN 13859-2) and Underlay for discontinuous roofing (Annex ZA of EN 13859-1) and is manufactured under control of an ISO 9001 quality management system.

TEST	METHOD		FrameTX [®] Maxi					
Product Code			FNS 102					
Mass Per Unit Area (g/m ²)	EN 1849-2		102	(+/- 10)				
Reaction to Fire	EN 11925-2		Class E					
Water Vapour Resistance (Sd)	EN ISO 12572		0.029 m (+/- 0.01)					
Water Penetration	EN 13111	Before ageing	Class W1					
		After ageing	Class W1					
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	MD	250	(-50)	CD	140	(-40)
		After ageing	MD	200	(-50)	CD	100	(-40)
Elongation (%)	EN 12311-1	Before ageing	MD	60	(-20)	CD	70	(-20)
		After ageing	MD	40	(-20)	CD	50	(-20)
Tear Resistance (N)	EN 12310-1		MD	100	(-35)	CD	95	(-35)
Flexibility at low temperature	EN 1109		No cracking at minus 60°C					
Air Permeability (50Pa)	EN 12114		0.010 m ³ /m ² /h					

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

Roofing - 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 with the inside of the roll facing 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.

Walling - Any guidelines concerning installation that are supplied with the product should be consulted prior to laying. For general information – unroll the breather membrane and fit directly to the timber sheathing ensuring that the lower base timbers are covered. Lap the breather membrane by 100mm horizontally, 150mm vertically and external corners by 300mm. Upper layers should overlap lower to shed water away from the sheathing.



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