

Technical Information

High vapour resistance air and liquid barrier underlays for pitched roofs

- Modern alternative to traditional bituminous based (type 1F) roofing felts
- Lightweight fabric minimises manual handling issues
- Excellent low temperature flexibility
- Resistant to water penetration and stabilised against UV degradation

Don & Low designed the MultiTX® underlays with moisture transfer in mind to mitigate the risk of condensation within the roof structure and ensure optimal protection against the elements. Notably, the MultiTX® range includes products that have obtained Agreement certification from BBA in the UK, affirming their suitability for warm non-ventilated, cold-ventilated and non-ventilated pitched roof systems and walling. Additionally, MultiTX® Plus has received NSAI approval in Ireland.

The MultiTX® range of products is well-suited for roofing applications, including fully supported or unsupported cold and warm systems. The comprehensive range comprises four distinct products, each differing in weight and construction, catering to diverse roofing underlay and walling membrane requirements.

The MultiTX® Range is also available with a double integral tape for ease of installation, enhanced wind uplift and air tightness. These are sold as the Conseal Range. For information on the conseal tape specifications, please refer to the "Conseal Integral Tape" datasheet.

TEST	METHOD	MultiTX® Range				
Application		Roofing & Walling				
Function	High vapour resistance air and liquid barrier underlays for pitched roofs and walling membranes					
Brand Name		MultiTX® Plus	MultiTX® Pro	MultiTX® Maxi	MultiTX® Solar	
Product Code		BAB 116	BAB 145	BAB 190	BAB 145	
Fabric Weight (g/m ²)	EN 1849-2	116	145	190	145	
Tensile Strength (N) after ageing	EN 12311-1	MD	220	200	400	200
		CD	140	150	275	150
Tensile Strength (N) before ageing	EN 12311-1	MD	260	290	420	290
		CD	170	220	300	220
Water penetration		W1				
Reaction to Fire		CLASS F				

MD = machine direction, CD = cross/transverse direction

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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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



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