

# Technical Information

## Vapour / Air barrier high resistance Underlay for Roofs with Integrated Solar PV

- Modern alternative to traditional bituminous based (type 1F) roofing felts
- Removes the need for a ventilated counter batten space
- Helps to comply with Building Regulations Part L, Future Homes Standards & NHBC
- Resistant to water penetration and stabilised against UV degradation
- Helps to meet BS 5250 Ventilation requirements when used with High and Low Level Ventilation.

MultiTX® Solar is a high vapour resistance air & liquid barrier roofing underlay. It is durable, clean, easy to cut & install, and offers excellent temporary protection against wind driven rain, snow & dust. MultiTX® Solar 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	MultiTX® Solar							
Product Code		BAB 145							
Mass Per Unit Area (g/m <sup>2</sup> )	EN 1849-2	145g/m <sup>2</sup> (+/- 10 g/m <sup>2</sup> )							
Reaction to Fire	EN 11925-2	Class F							
Water Vapour Resistance (Sd)	EN 1931	15 m (+/- 2)							
Water Penetration	EN 1928	Before ageing	Class W1						
		After ageing	Class W1						
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	<b>MD</b>	290	(- 40)	<b>CD</b>	220	(- 40)	
		After ageing	<b>MD</b>	200	(- 70)	<b>CD</b>	150	(- 50)	
Elongation (%)	EN 12311-1	Before ageing	<b>MD</b>	70	(- 20)	<b>CD</b>	100	(- 20)	
		After ageing	<b>MD</b>	50	(- 20)	<b>CD</b>	70	(- 20)	
Tear Resistance (N)	EN 12310-1	<b>MD</b>	230	(- 30)	<b>CD</b>	250	(- 30)		
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.

Installation Guidelines  
[www.donlow.co.uk/install](http://www.donlow.co.uk/install)



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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](mailto:enquiries@donlow.co.uk)

**Technical Tel:** 0808 169 4444 **email:** [membranes@donlow.co.uk](mailto:membranes@donlow.co.uk) • [www.donlow.co.uk](http://www.donlow.co.uk)

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