

PROTECTIF NON-BREATHABLE MEMBRANE

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Description: A Non Breathable Under slating for tiled and slated pitched roofs.

Introduction: Protectif is a high performance underlay for pitched roofs, which must be ventilated in accordance with BS 5534 2003. Install in the same manner as conventional tile and slate underlays. Protectif prevents the ingress of dust, rain and snow into the roof void. The membrane is completely waterproof and correctly installed will provide temporary protection of 4 months until application of the main roof is finished.

The high performance lightweight material is clean and easy to handle, and the 45m x 1m roll size allows for easy handling.

Protectif is made up of three layer construction, comprising two UV stabilised, high tensile polypropylene fabric layers, fused together around an impervious film and is coloured anthracite.

Advantages:

Clean and easy to use	Temporary cover for up to 4 months
Lightweight	Anthracite surface prohibits glare
Excellent tensile strength	UV and heat stable
No mess	No gusting wind noise
1 metre wide for easy handling	Timesaving over bitumen based 1F
Excellent nail tear resistance	Completely waterproof

Product Details:

Roll Weight kg	1.5 & 4.8
Weight kg/m ²	0.95
Roll Length m	15, 30, 45
Roll Width m	1 & 1.5
Roll Area m ²	15 & 45
Colour	Anthracite Upper/White Lower
Thickness	0.5mm
Tensile Strength MD (EN12311-1)	180N/50mm
TD	110N/50mm
Elongation MD (EN12311-1)	65%
TD	70%
Nail Tear MD (EN12310-1)	95N
TD	130N
Reaction to Fire (EN 13501-1)	Class E
Resistance to water penetration (EN 13859-1)	Class W1
Hydrostatic Head (BS EN 20811)	> 2000mm
UV Resistance	4 months

Application: Protectif underslating should be installed in accordance with the recommendations laid out in BS5534:2003 and B8000 Part6. Installation can be carried out in all conditions normal to roofing work. The product should be laid horizontally across the rafters, starting at the eaves. Protectif should be laid up the roof slope, draping over the rafters. Do not stretch tight – this will allow for minor temperature movements. Minimum lap size will depend of the pitch of the roof, as per table below. Information taken from BS 5534:2003.

Roof Pitch	Minimum Horizontal Lap (mm)	Minimum Vertical Lap (mm)
12.5° - 14°	225	100
15° - 34°	150	100
35° +	100	100

Ventilation: Protectif has a similar water vapour permeability to that of conventional roof underlays. Ventilation requirements are described in BS 5534 2003 and in BS 5250:2009, and the installation of Protectif should be carried out in accordance with these codes. When considering ventilation of the roof-space, Protectif should be considered as an impervious underlay.

Valleys: An underlay strip of Protectif of at least 600mm wide should be laid under the main roof underlay and held down by the valley battens. The underlay should be dressed over the valley battens.

Hips and Ridges: A 600mm wide strip of Protectif should be laid over hips/ridges and above the underlay to the main roof.

Abutments: Flashings should be wedged into a mortar joint 25mm deep and at least 150mm above the level of the slates or tiles. The underlay should be turned up behind the flashings at least 100mm to prevent weather ingress being blown into the roof-space.

Eaves: Tiles or slates should overhang the centre of the gutter. To avoid creating a water trap behind the fascia. Protectif should be supported with a Cromar Underlay Support Tray overlapped by a minimum of 150mm.

Health & Safety: Please refer to health & safety data sheet on Protectif.

Further Information: In the event of further queries or problems concerning the use of this product, please contact the address below:-

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Unit 3, The Maltings Industrial Estate
 Doncaster Road, Whitley Bridge
 North Yorkshire DN14 0HH
 Tel: 01977 663133 Fax: 01977 662186
info@cromar.uk.com www.cromar.uk.com