

NOVIA

Novia Universal Breather Membrane Grade 93/130 (BS 4016 type 1)

A vapour permeable breather membrane. Suitable for under-slating, vertical cladding and timber frame building applications. On insulated warm roofs Novia 93/130 can be placed directly on to the insulation and on boarded roofs if required. Care should be taken to ensure that there is a drainage pathway for moisture under battens.

Novia Grade 93/130 can be used in conventional cold roof applications

Meets the technical requirements for
BS 4016 type 1 breather

Suitable for underslating and timber
frame applications

Flame and UV resistant (60 days)

Matt surface, non slip

Good tear and nail tear strength

Simple and easy to use

Technical Values			
Weight:	130	g/m ²	EN 1849-1
Tensile strength:	180	N/50mm	EN 12311-1
Elongation at break	~50	%	EN 12311-1
Nail tear Strength	262	N	EN 12310-1
Vapour permeability	>800	g/m ² /d	BS 4016
Sd-value	~0.05	m	EN 1931
Resistance to water penetration	W1		EN 1928:2000 to EN13859-1 para. 5.2.3.
Flame resistance	B2		EN 13501-1
Temperature resistance	No movement detected		EN 1109

Roll Size		
Standard width	1,500.00	mm
Roll length	50.00	m
Roll weight	9.75	kg

Material Construction

PP - non woven UV
Permeable membrane
PP-non woven



For fixing advice see reverse side

For sales or technical advice contact the office below

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Installation of Novia DO93/130 Universal Breather

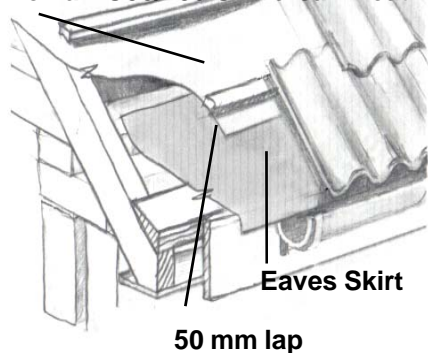
General Fixing Advice

NOVIA DO93/130 is UV resistant and can be exposed on site for a period not exceeding 2 months. It is not suitable for long term exposure. Fix white side to the insulation. Ensure that at all junctions with the external environment that the material is lapped over or behind a UV resistant eaves skirt or flashing which is then taken to the outside. Laps should be detailed to shed moisture away from joints to the outside. They should be situated behind the external cladding or roofing. Fix with extra large headed clout nails or (stainless steel staples). Install with care to prevent tears and punctures. Repair any damage, which does occur, with waterproof adhesive tape.

Timber Frame Vertical laps should be at least 150 mm and horizontal laps 100 mm. Extend 25 mm below the lowest timber in the wall. At intermediate floors provide sufficient material to cover the floor depth plus a 100 mm lap below this floor line. Lap over D.P.C.s and into cavity trays at heads of openings and under DPCs at jambs.

Roofs Lay to form shallow valleys, between rafters or counter battens on warm roofs, to allow any moisture to drain away from nails and battens. Lay **Novia grade DO93/130** starting at the eaves horizontally across the rafters, Lap the 1st layer of **DO93/130** 150 mm onto a UV eaves skirt. Lay next layers with a horizontal overlap of 100 to 150 mm (pre-printed overlap), if the slope is greater than 25°, 200 mm under 25°.

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Detailing

At the eaves line Lay a UV resistant PVC or Polythene eaves skirt or similar, dressed a minimum 50 mm into the gutter.

At verges Carry DO93/130 onto the outer leaf wall by 25 to 50 mm.

Roof Valleys Lay a strip of DO93/130 not less than 600 mm wide with the main roof lapped over it.

Vertical Overlaps Vertical laps should be situated on a rafter and taped.

Ridges At ridges the membrane should be overlapped 200 mm on each side of the ridge.

Hips Lay strips of DO 93/130 not less than 600 mm wide lapped over the main roof underlay.

Abutment to Flashings Where the roof abuts flashings carry DO93/130 at least 50 mm under the flashing.

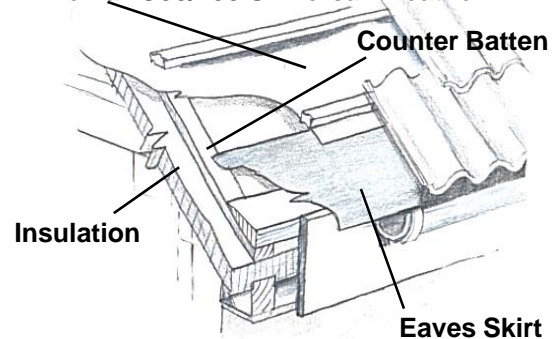
Vent Pipes etc Where pipes and other components penetrate the underlay cut NOVIA DO93/130 neatly and accurately and turn flanges up to give a close water shedding fit.

Condensation

Under certain atmospheric conditions unavoidable condensation can occur. To minimise risks to the structure consideration should be given to the inclusion of the following at the design stage

1. A vapour barrier on the warm side of the Insulation.
2. Ventilation of the roof structure.

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