PRODUCT DATA SHEET

Issue No. 003
Oct 2025

CROMAR Building Products
A SIKA COMPANY

Vent3 Light – Breather Membrane

Description
The Vent3 Light 95gsm Breather Membrane is a triple-layer roofing underlay for cold and warm pitched roofs. Made from spun-bonded polypropylene with a micro-porous film, it ensures moisture permeability and water vapour resistance. Suitable for fully supported or unsupported tiled and slated roofs.

Product Use
The Vent3 Light 95gsm Breather Membrane is designed for use as a pitched roofing underlay in both warm and cold roof applications. It provides effective secondary weather protection beneath tiles & slates while allowing moisture vapour to escape, reducing potential condensation risk. Suitable for fully supported and unsupported installations, it enhances roof durability and performance. Its tensile strength and water resistance make it ideal for new builds, refurbishments, and ventilated or unventilated roof systems.

Material & Finish
Spunbonded polypropylene

Packaging
Packaged in pallet quantities of 56 and 56 (1m x 50m and 1.5m x 50m rolls).

Storage & Handling
Do not drag rolls across rough surfaces, always lift. Rolls should be stored upright on a dry surface. During storage exposure to direct sunlight is to be avoided. Cromar is not responsible for any damage when the above instructions are not followed.

Product Compliance & Compatibility
The Vent3 Light 95gsm Breather Membrane meets the industry standards for roofing underlays. It demonstrates its suitability for use in pitched roof constructions. The membrane carries both **CE** and **UKCA** markings, ensuring compliance with UK and European regulations for construction products. Additionally, it conforms to **NHBC guidelines**, making it suitable for use in NHBC-approved projects. The Vent3 Light also meets the requirements of **BS 5250:2021**, the British Standard for the management of moisture in buildings, ensuring effective condensation control in roof systems.

Further Information
NOTE: *Cromar Building Products is continually investigating methods of improving both quality and performance and therefore reserves the right to change specifications and product composition without prior notice.*

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail whitley-sales@uk.sika.com.

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Products are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge, true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Any warranty, where applicable, is therefore limited to the quality of supplied product.

CHARACTERISTIC	TEST METHOD	RESULT	UNIT	TOLERANCE
Roll Length	BS EN 1848-2	50	m %	Min -0.5% / Max +1.5%
Roll Width	BS EN 1848-2	1 & 1.5	m	Min -0.5% / Max +1.5%
Roll Weight	BS EN 1849-2	4.75 & 7	kg	
Mass per unit area	BS EN 1849-2	95	Gm/m2	+/- 10%
Visible defects	BS EN 1850-2	PASS	-	-
Watertightness	BS EN 13859-1	0.02	Sd	-
Tensile Strength	BS EN 12311-1 BS EN 13859-1	245 (MD); 145 (TD)	n/50mm	-
Elongation at maximum load	BS EN 12311-1 BS EN 13859-1	60 (MD); 96 (TD)	%	-
Resistance to tearing	BS EN 12310-1	83 (MD); 93 (TD)	N	-
Reaction to fire	BS EN 13501-1	CLASS E	-	-
Cold bend flexibility	BS EN 1109	-40	°C	-

NPD = No Performance Declared. MD = Machine Direction. TD = Transverse Direction

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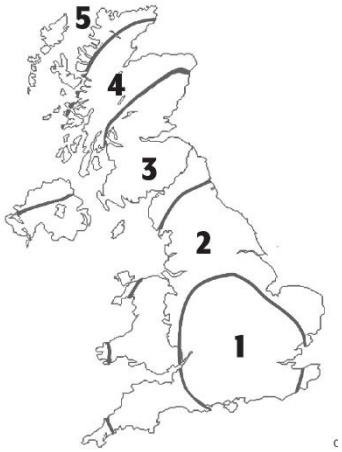
BS 5534:2014+A2:2018 Wind Uplift
Each individual Vent3® underlay product has the batten gauge & zonal application for wind uplift printed on this packaging. The manufacturer's declared values are available from the Cromar website. The Vent3® underlays may be used at any batten gauge in all wind zones when laid over nominally air-tight sheet sarking for example OSB, plywood, chipboard and insulation for warm-roof design. They may also be used in applications where slates are nailed directly onto sarking boards. Sarking boards, such as square-edged butt jointed planks, are not considered to be air-tight and the underlay is treated as unsupported.



* For BS5534 compliance zones 1-5 we recommend using a double sided jointing tape on the membrane lap.

Product Selector in accordance with BS 5534:2014+A2:2018 unsupported roof				
Product	**345mm battened lap**	**345mm taped lap**	**250mm battened lap**	**250mm taped lap**
Vent3 Light	No zones *	Zones 1-5	Zones 1-5	Zones 1-5

Application
Vent3 Light must be installed in accordance with the relevant sections of BS 5534:2014+A2:2018 and Cromar's fixing instructions.
Vent3 Light is designed as a secondary barrier to wind driven rain and snow, it should not be considered a primary waterproofing layer. Whilst the product is UV stable for up to 3 months exposure, good roofing practice dictates that the primary waterproofing finish (e.g. tiles, slates etc.) be applied as soon as practically possible.
Under slating membranes should not be considered as temporary weatherproof protection for occupied buildings or where internal fitting out is taking place. Additional protection should be afforded in these circumstances.
Vent3 Light should be unrolled across the roof, starting at the eaves and working up the roof, it is laid Dark Grey (printed) side up. With normal slates and tiles the Vent3 Light membrane can be installed draped 10mm into the void between the rafters, it can then be secured with the tiling battens. This will leave sufficient space between the Vent3 Light and the tiles/slates for drainage and ventilation. Vent3 Light when installed as a fully supported system, is laid over the support and secured with counter battens, alternatively the membrane can be installed over counter battens and fixed at 200mm centres using corrosion resistant straps or galvanised clout nails. Tiling battens are fixed to the counter battens leaving a minimum airspace of 25mm between the roof sheet underlay and the tiles for drainage and ventilation.
When installing breathable roofing felt in a cold roof application, it is recommended to provide ventilation at the ridge level to allow effective airflow and prevent condensation buildup. The breathable membrane helps reduce moisture accumulation within the roofing structure, but additional ventilation at the ridge enhances this function by allowing warm, moist air to escape efficiently. This setup promotes a continuous air exchange, which is essential in cold roof designs to maintain roof health and prevent issues related to trapped moisture, such as mould or timber decay. Ensure all ventilation openings are clear and unobstructed for optimal performance.
In unventilated roof systems vapour control measures are required below the insulation layer to restrict the flow of moist air from within the inhabited building into the roof space. Additionally, the building below should be ventilated in accordance with the Building Regulations with water tanks sealed.
Abutment flashing should be wedged into a mortar joint 25mm deep and at least 150mm above the level of the slates or tiles. Vent3 Light underlay should be turned up behind the flashing at least 100mm to prevent rain and snow being blown into the roof-space. Lap joints in the membrane should be generally in accordance with NHBC guidance.
At the eaves Cromar felt support trays should be installed to prevent ponding behind the fascia. The Vent3 Light should be laid over the support tray stopping short of the roof tile tails to prevent UV degradation of the underlay.

CE UKCA

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