

PRODUCT DATA SHEET

Cromar® Protect 1F Non Breather

A non-breathable underlay for pitched roofs.

PRODUCT DESCRIPTION

Cromar® Protect 1F Non Breather is a high-performance, non-breather roofing underlay specifically designed for ventilated pitched roofs, requiring ventilation in compliance with BS 5250:2021. Cromar® Protect 1F Non Breather is a high-vapour-resistance underlay and is a modern alternative to traditional bituminous based (type 1F) roofing felts.

USES

- Ventilated cold pitched roofs.
- New-build and refurbishment projects.
- Tiled and slated roof constructions.
- Roofs requiring a modern alternative to traditional Type 1F bituminous felt.

PRODUCT INFORMATION

Packaging	Polythene sleeved rolls.
Colour	Dark anthracite.
Shelf Life	24 months.
Storage Conditions	Store rolls laid flat, in cool, dry place away from direct sunlight.
Dimensions	1 m x 15 m 1.5 m x 30 m 1 m x 45 m

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

CHARACTERISTICS / ADVANTAGES

- Non-breather roofing underlay with high vapour resistance.
- Complies with ventilation requirements set out in BS 5250:2021 when installed as part of a correctly ventilated roof system.
- Helps protect against wind-driven rain, dust, and weather ingress beneath the primary roof covering.
- Available in multiple roll sizes to suit different project requirements.

APPROVALS / STANDARDS

CE Mark EN 13859-1

LIMITATIONS

Although the membrane is UV stable for up to 3 months, it is not advised to leave the membrane exposed for long periods of time. Cover with external roof covering as soon as possible.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

- Ensure the roof structure is complete and designed to provide adequate ventilation in accordance with BS 5250:2021 before installation.
- Install Cromar® Protect 1F Non Breather horizontally (parallel to the eaves), starting at the eaves level and working upwards to the ridge.
- Lay the underlay with sufficient drape between rafters, in accordance with roof pitch and tile manufacturer requirements.
- Overlap horizontal joints by a minimum of 150 mm (or as required by roof pitch and detailing requirements).
- Vertical end laps should be adequately overlapped and positioned over rafters where possible.
- Fix the underlay using suitable corrosion-resistant clout nails or staples, positioned above the lap line and covered by the next course.
- Ensure the membrane remains free from damage during installation.
- At eaves, dress the underlay onto the eaves support tray or into the gutter in accordance with roof design.
- At ridges and hips, install in conjunction with compatible ridge detailing while maintaining designed ventilation paths.
- Penetrations (such as rooflights, vents, and pipes) should be neatly cut and weather-sealed using compatible detailing products.
- The underlay must be protected from prolonged exposure and covered with the final roof covering as soon as practicable.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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