

PRODUCT DATA SHEET

Cromar® SBS Torch-on

Capsheets - Polyester reinforced, SBS modified bituminous roofing membranes

PRODUCT DESCRIPTION

SBS Torch-on membranes are polyester reinforced, SBS modified bituminous roofing membranes, torch applied to create a fully bonded waterproof layer. Suitable as capsheets or underlays in built up flat roofing systems.

USES

- New build and refurbishment flat roof systems.
- Torch applied built up roofing (BUR) systems.
- Suitable as:
 - Capsheet
 - Underlay

CHARACTERISTICS / ADVANTAGES

- High resistance to puncture, thermal movement, and weathering.
- SBS modified bitumen requires less heat to activate offering faster installation.
- Better flexibility over a wider temperature range due to SBS polymer modification.
- Polyester reinforcement improves tear resistance and membrane strength.
- Mineral and sanded finish (for capsheets) available in several colours.

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Packaging | Sleeved |
| Colour | Green, Black & Sanded |
| Shelf Life | 18 months |
| Storage Conditions | Do not drag rolls across rough surfaces, always lift. Rolls should be stored upright on a dry surface. During colder periods it is recommended that rolls are stored in a temperature above + 10 °C for 24 hours prior to use. During storage exposure to direct sunlight is to be avoided. Do not use in temperatures below + 5 °C. |
| Dimensions | 1 m x 8 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.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regu-

lation (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 reg-

ulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

APPLICATION

As Underlay;

- Ensure the deck is dry, clean, sound and free from dust, debris and sharp projections.
- Suitable for use on plywood, OSB3, concrete and existing bituminous membranes (if well-bonded).
- Apply only in dry weather with temperatures above +5 °C.
- Unroll the membrane and allow it to relax before installation.
- Align the roll and re-roll before torching for accurate placement.
- Heat the underside with a roofing torch, ensuring the bitumen forms a visible melt pattern/bead at the lap edge.
- Press the sheet firmly into place using a broom or roller to ensure full bond.
- Side laps: 75 mm minimum.
- End laps: 100 mm minimum.
- Stagger end laps between adjacent rolls.
- Avoid overheating; the membrane should be heated until bitumen begins to flow, not burn.
- Ensure continuous bonding around details such as upstands, penetrations, drips and verges.
- Use only with compatible torch-on capsheets as part of a built-up system.

As Capsheet;

- Install over a suitable, fully bonded torch-on underlay, aligned in the fall direction.
- Ensure the underlay is dry and clean before applying the capsheet.
- Unroll and allow the sheet to relax for easier handling.
- Re-roll and torch the underside evenly, creating a consistent bitumen bleed (approx. 5-10 mm) at the lap edge.
- Side laps: 75 mm minimum, heated and sealed to full width.
- End laps: 100 mm minimum, offset from underlay laps and adjacent sheets.
- Avoid trapping air, apply pressure to ensure full adhesion and no voids.
- When using mineral-finish capsheets, scrape back the mineral at laps to ensure proper bonding.
- For vertical or detail work, heat both the substrate and the membrane for strong adhesion.
- Use a hot-air gun around heat-sensitive details where open flame is unsuitable.
- Check for full seal and uniform bleed along all laps after installation.

- Allow completed areas to cool before trafficking.
- Not suitable for installation in wet, icy or very windy conditions that may affect bonding.

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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Product Data Sheet

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