

PRODUCT DATA SHEET

Sikalastic®-100 SA Tape

Self-adhesive polymeric rubberised roofing tape with woven polyester facing

DESCRIPTION

Sikalastic®-100 SA Tape is a self-adhesive polymeric rubberised tape with a plastic release liner on the underside and a woven polyester facing. It enhances the strength and durability of Sikalastic® roofing and waterproofing membranes at joints and angle changes.

USES

Reinforcement of joints:

- Between cover boards
- Between plywood deck panels
- On concrete roofing
- And seams in metal roofing

CHARACTERISTICS / ADVANTAGES

- Self-adhesive
- No primer required for many substrates
- Fleece facing provides good resin/coating adhesion
- Good elongation to accommodate thermal and structural movement
- Increases joint strength and durability
- Conforms to substrate contours and flashing details

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Packaging | Packed into boxes. Size is based on width. Refer to current price list for packaging variations |
| Appearance / Colour | Top surface: Off-white fleece Bottom surface: Black |
| Shelf Life | 24 months from date of production |
| Storage Conditions | Product must be stored in original unopened and undamaged packaging in dry conditions and temperatures between +5 °C and +35 °C. Always refer to packaging. |
| Length | 30 m |
| Width | 100 mm 150 mm 1000 mm |
| Thickness | 0.8 mm |

TECHNICAL INFORMATION

| | | | |
|--|-------------------|-------------------------|--------------|
| Elongation | <u>Lengthwise</u> | <u>> 20 %</u> | (EN 12311-1) |
| | <u>Crosswise</u> | <u>> 100 %</u> | |
| Resistance to tear (nail shank) | <u>Lengthwise</u> | <u>> 200 N/50 mm</u> | (EN 12311-1) |
| | <u>Crosswise</u> | <u>> 150 N/50 mm</u> | |

APPLICATION INFORMATION

| | |
|--------------------------------|---|
| Ambient Air Temperature | +5 °C min. / +65 °C max. |
| Substrate Temperature | +5 °C min. / +65 °C max. Relative humidity: ≤ 95 % Substrate temperature during application must be at least +3 °C above measured dew point temperatures. |

BASIS OF PRODUCT DATA

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

REGULATION (EC) NO 1907/2006 - REACH

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 this 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

SUBSTRATE QUALITY

The substrate quality must achieve the same requirements as the Sikalastic® roofing and waterproofing membrane product that will be applied. Refer to the appropriate Product Data Sheet.

SUBSTRATE PREPARATION

- The substrate preparation including any repairs will be the same as for the Sikalastic® roofing and waterproofing membrane product that will be applied. Refer to the appropriate Product Data Sheet.
- Priming is not normally required on concrete. If concrete is absorbent use Sikalastic® Primer to seal the surface.
- Solvent wipe prepared metal flanges, metal roofing joints and seams with acetone or denatured alcohol.

APPLICATION

IMPORTANT

Do not apply to a porous or damp surface where moisture vapour transmission will occur during application and curing.

IMPORTANT

Remove the adhesive release liner before applying.

Non-moving (static) Joints

Note: During application, air bubbles and wrinkles must be avoided if practically possible.

1. Unroll a short length of tape from the roll.
2. Remove 100 to 150 mm of the adhesive release liner from the underside of the tape.
3. Apply this length of tape onto the substrate, centrally over the joint, extending a minimum of 30 to 50 mm over each side of the joint.
4. Press the applied tape onto the substrate with a silicone / rubber hand-held seam pressure roller.
5. Continue to apply the tape by unrolling and removing the adhesive release liner until the length of joint has been covered.
6. Press the tape onto the substrate with the pressure roller.
7. Apply additional pressure with the pressure roller to the complete length of the applied tape to activate the bonding process. The firmer the pressure applied, the faster and stronger the bond.

Remedial repairs and removal of air bubbles and wrinkles

Remedial repairs:

1. Cut away damaged tape area with a sharp utility knife.
2. Apply a new layer of tape over the damaged area, extending to a minimum of 30 to 50 mm beyond the damaged area edges.
3. Press the new tape layer with a silicone/rubber hand-held seam pressure roller.
4. Apply additional pressure with the pressure roller to the new tape layer to activate the bonding process.

Air bubble removal-piercing:

1. Pierce air bubble with a sharp needle.
2. Force out the air by applying pressure over the bubbled area using a silicone/rubber hand-held seam pressure roller.

Air bubble removal-cutting:

1. Use a utility knife to cut the bubbled area.
2. Press the tape back into place.
3. Apply an additional layer of tape over the cut, extending to a minimum of 30 to 50 mm over the cut line in all directions.
4. Press the new tape layer with a silicone/rubber hand-held seam pressure roller.
5. Apply additional pressure with the pressure roller to the new tape layer to activate the bonding process.

Removing wrinkles:

1. Use a utility knife to cut away the bunched-up (wrinkled) section of tape.
2. Press the cut edges back into place.
3. Apply a new layer of tape over the removed area, extending to a minimum of 30 to 50 mm beyond the removed area edges.
4. Press the new tape layer with a silicone/rubber hand-held seam pressure roller.
5. Apply additional pressure with the pressure roller to the new tape layer to activate the bonding process.

Sikalastic® Coating application

IMPORTANT

Make sure all the tape is coated to prevent UV degradation.

Note: Priming of the tape is not required.

1. Apply a Sikalastic® coating onto the clean, dry tape surface within 72 hours of the tape application.

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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