

## PRODUCT DATA SHEET

# Sika® SealTape F

### CRACK-BRIDGING WATERPROOF SEALING TAPE

#### DESCRIPTION

Sika® SealTape F is an elastic system component which is used in combination with Sika® waterproofing products. It reduces the risk of leaks through potential cracking locations at wall corners, floor-to-wall connections, pipe entries etc.

#### USES

Crack-bridging and waterproofing tape used in combination with Sika® waterproofing products for reducing the risk of leakage at locations at risk to cracking for:

- Residential or commercial wet rooms
- Cold storage areas, car washes and catering kitchens
- Swimming pools and water retaining structures in combination with ceramic coverings
- Balconies and terraces
- Interior and exterior use

#### CHARACTERISTICS / ADVANTAGES

- High elasticity
- High breaking strength
- Easy to install
- Waterproof and watertight
- Good adhesion to Sika® waterproofing products
- Chemical resistant
- Resistant to UV exposure

#### PRODUCT INFORMATION

|                            |                                                      |                                                 |
|----------------------------|------------------------------------------------------|-------------------------------------------------|
| <b>Chemical Base</b>       | Sealing layer<br>Fleece                              | Thermoplastic elastomers (TPE)<br>Polypropylene |
| <b>Packaging</b>           | Preformed sections:                                  |                                                 |
|                            | Sealing tape                                         | Roll of 25 m / 50 m in a box                    |
|                            | Inside corner                                        | Box with 20 pieces                              |
|                            | Outside corner                                       | Box with 20 pieces                              |
|                            | Wall patch D14                                       | Box with 20 pieces                              |
|                            | Floor patch                                          | Box with 10 pieces                              |
|                            | Slope edge 20 mm, 28 mm, 38 mm,<br>left and right    | Box with 10 pieces                              |
|                            | Refer to current price list for packaging variations |                                                 |
| <b>Appearance / Colour</b> | Yellow                                               |                                                 |
| <b>Thickness</b>           | ~ 0.66 mm                                            |                                                 |

|                    |                                                                                                                                                                |                 |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Width              | Sealing tape                                                                                                                                                   | ~ 120 mm        |
| Length             | Sealing tape                                                                                                                                                   | ~ 25 m / ~ 50 m |
| Shelf Life         | 24 months from date of production                                                                                                                              |                 |
| Storage Conditions | The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging |                 |

## TECHNICAL INFORMATION

|                                                 |                                                                                          |                                     |                    |
|-------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------|--------------------|
| Tensile Strength                                | Longitudinal                                                                             | $\geq 85 \text{ N} / 15 \text{ mm}$ | (DIN EN ISO 527-3) |
|                                                 | Lateral                                                                                  | $\geq 15 \text{ N} / 15 \text{ mm}$ |                    |
| Elongation                                      | Longitudinal                                                                             | $\geq 50 \%$                        | (DIN EN ISO 527-3) |
|                                                 | Lateral                                                                                  | $\geq 200 \%$                       |                    |
| Water Tightness                                 | $\geq 1.5 \text{ bar}$                                                                   | (DIN EN 1928, Procedure B)          |                    |
| Chemical Resistance                             | Resistant to many chemicals. Contact Sika Technical Services for additional information. |                                     |                    |
| Resistance to UV Exposure                       | $\geq 500 \text{ hours}$                                                                 | (DIN EN ISO 4892-2)                 |                    |
| Equivalent Air Layer Thickness for Water Vapour | $S_d \geq 7 \text{ m}$                                                                   | (DIN EN 1931)                       |                    |
| Service Temperature                             | -30 °C min. / +90 °C max.                                                                |                                     |                    |

## SYSTEM INFORMATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| System Structure | Sika® SealTape F is used in combination with the following seals: <ul style="list-style-type: none"> <li>▪ Sikalastic®-1 K</li> <li>▪ SikaCeram®-500 Ceralastic (waterproofing mortar)</li> <li>▪ Sikalastic®-152</li> <li>▪ Sikalastic®-220 W (with ETAG 022 technical assessment)</li> <li>▪ SikaCeram® Sealing Fix</li> </ul> For other similar Sika® products that may also be suitable for use with Sika® SealTape F, contact Sika Sika Technical Services. |  |  |
| Compatibility    | Not suitable for direct contact with solvent based sealants or adhesives                                                                                                                                                                                                                                                                                                                                                                                         |  |  |

## APPLICATION INFORMATION

|                         |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| Ambient Air Temperature | +5 °C min. / +25 °C max. (refer to the product data sheet of the waterproofing system used) |
| Substrate Temperature   | +5 °C min. / +25 °C max. (refer to the PDS of the waterproofing system used)                |

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

All substrates must be stable, clean, dry, free of any loose or friable particles, contaminants such as dust, dirt, oil, wax polish, grease, old adhesive residue, cement laitance or efflorescence. Smooth surfaces must be roughened lightly and dust removed to improve adhesion.

### APPLICATION METHOD / TOOLS

#### Sika® SealTape F tape

Embed tape into the 1<sup>st</sup> layer of the wet Sika® waterproofing product using a smoothing trowel or spatula. To accommodate movement, a loop can be made with the tape over the crack.

Overlaps must be  $\geq 50 \text{ mm}$ .

On top of the hardened 1st layer and tape, apply a 2nd layer of the Sika® waterproofing product.

#### Sika® SealTape F wall patch

Embed in the same way as the Sika® SealTape F tape. For pipes, a minimum 4 mm of the stretchable part

needs to be in contact with the pipe surface.

### **Sika® SealTape F floor patch**

Cut to the appropriate size using scissors or a razor knife. Embed in the same way as the Sika® SealTape F tape.

## **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.

## **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.

## **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 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)

## **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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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### **Product Data Sheet**

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