

PRODUCT DATA SHEET

SikaTack® Panel Fixing Tape

Double sided self-adhering fixing and spacer tape

TYPICAL PRODUCT DATA

| | | |
|--------------------------------|---|--------------------------------------|
| Chemical base | Polyethylene (with pressure-sensitive adhesive) | |
| Color | Anthracite | |
| Application temperature | 5 – 35 °C (41 – 95 °F) | |
| Compressive strength (ISO 844) | 50 % compression | 0.12 MPa (15 psi) |
| Peel adhesion (FTM 1) | 180°, 30 minutes, stainless steel | 23 N / 25 mm ^{A, B} (5 pli) |
| Resistance to shear (FTM 8) | 1 kg / 25 mm x 25 mm | 150 hours |
| Service temperature | -40 – 70 °C (-40 – 158 °F) | |
| Shelf life | 24 months ^C | |

^{A)} FTM = FINAT Test Method

^{B)} Transverse direction

^{C)} storage below 25 °C in a dry place, protected from sunlight

DESCRIPTION

SikaTack® Panel Fixing Tape is a closed cell polyethylene spacer tape for initial fixation of facade panels during curing of SikaTack® Panel adhesive. It has a pressure sensitive adhesive on both sides and offers very high peel and shear properties.

SikaTack® Panel Fixing Tape is part of a system for the economic, concealed fixing of ventilated facades. With the SikaTack® Panel system, consisting of SikaTack® Panel Fixing Tape, SikaTack® Panel adhesive and corresponding pre-treatments such as SikaTack® Panel Primer, facade panels are invisibly attached to their substructure.

PRODUCT BENEFITS

- Very high initial tack
- Bonds well to a wide variety of substrates
- Fast and easy to apply
- Release liner easy to remove
- Fully compatible with SikaTack® Panel adhesives

AREAS OF APPLICATION

SikaTack® Panel Fixing Tape is typically used for the initial fixing of panels used for ventilated facades (until the SikaTack® Panel adhesive is cured) and to adjust the correct joint thickness. The use of the SikaTack® Panel Fixing Tape allows an economical and rapid initial fixing of the facade panels.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

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METHOD OF APPLICATION

Surface Preparation

The SikaTack® Panel Fixing Tape must be applied on the pre-treated substrate, as defined for the used SikaTack® Panel adhesive.

Application

Align and apply the SikaTack® Panel Fixing Tape over the whole length of the vertical sections and parallel to the edges of the railing profiles. Press the tape onto the pre-treated substrate. The release liner of the SikaTack® Panel Fixing Tape has to be removed after the application of the SikaTack® Panel adhesive. Position the panels precisely and press them firmly until they fully contact the SikaTack® Panel Fixing Tape. Once the fixing tape is applied, it must not be removed and reused. It is thus essential to position tape carefully. Make sure the product is in contact with both surfaces. If the unit is not correctly aligned, remove used fixing tape, dispose it off and repeat application with new tape.

SikaTack® Panel Fixing Tape is compatible with all components of the SikaTack® Panel System.

SikaTack® Panel Fixing Tape needs to be used in ventilated facades applications only by experienced professionals and after a detailed examination and written approval of the corresponding project details by the Technical Department of Sika Industry.

IMPORTANT NOTE

SikaTack® Panel Fixing Tape is not a structural component. Long term strength is provided by the SikaTack® Panel adhesive. Therefore never include the mechanical values of the tape in the calculation of the long term strength required. SikaTack® Panel Fixing Tape must not be used for structural glazing application.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- General Guideline SikaTack® Panel System

PACKAGING INFORMATION

| | |
|--------------------|-----------------------------------|
| 33 m (108 ft) roll | 3 x 12 mm (1/8 in x 1/2 in) |
|--------------------|-----------------------------------|

BASIS OF PRODUCT DATA

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

LEGAL DISCLAIMER

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by contacting SIKA's Technical Service Department via email at tsmh@us.sika.com. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling +1 800-933-7452.

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Sika Corporation

30800 Stephenson Highway
Madison Heights, MI 48071
U.S.A.
Telephone: +1 248-577-0020
Email: tsmh@us.sika.com
www.sikausa.com

