

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
Compressive strength (ISO 844)	50 % compression	0.12 MPa
Peel adhesion (FTM 1)	180°, 30 minutes, stainless steel	23 N / 25 mm ^{A, B}
Resistance to shear (FTM 8)	1 kg / 25 mm x 25 mm	150 hours
Service temperature		-40 – 70 °C
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 roll	3 x 12 mm
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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.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse 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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Sika Engineering Silicones Srl

Via L. Einaudi 6
20068 Peschiera Borromeo (MI) - Italia
Tel.: +39 02 516591 205
it-ses-admin@it.sika.com
www.sika.com/ses

