SikaBond®-TF plus N

1-component, elastic adhesive for SikaMembran® system

Technical Product Data

Chemical base	1-C Polyurethane
Colour (CQP[1] 001-1)	Black
Cure mechanism	Moisture-curing
Density (uncured) (CQP 006-4)	1.3 kg/l approx.
Non-sag properties (CQP 061-4 / ISO 7390)	< 2 mm approx.
Application temperature	5 - 40°C (40 - 105°F)
Skin time[2] (CQP 019-2)	90 min approx.
Shore A-hardness (CQP 023-1 / ISO 868)	25 approx.
Tensile strength (CQP 036-1 / ISO 37)	1.5 N/mm^2 approx.
Elongation at break (CQP 036-1 / ISO 37)	600% approx.
Service temperature	-40 - 90°C approx. (-40 - 195°F)
Shelf life (storage below 25°C) (CQP 016-1)	12 months

[1] CQP = Corporate Quality Procedure [2] 23°C (73°F) / 50% r.h.

Description

SikaBond®-TF plus N is a 1-component, elastic PU-based adhesive for the SikaMembran® system.
SikaBond®-TF plus N is manufactured in accordance with ISO 9001 quality assurance system and the responsible care program.

Product Benefits

- Secure application with good sag resistance
- Bond to concrete, aluminium (powder-coated or unfinished), rigid PVC, timber and other standard construction materials
- Application of adhesive to one side (mostly to substrate) only
- Ensures levelling of substrate
- Fast curing
- No contact pressure necessary

Areas of Application

SikaBond®-TF plus N is used for fixing
- SikaMembran® Universal
- SikaMembran® Outdoor
- SikaMembran® Outdoor Plus
- SikaMembran® Strong
- behind curtain walling

This product is suitable for professional experienced users only. Test with original substrates and conditions have to be performed to ensure adhesion and material compatibility.

Industry

Application Conditions

Optimum ambient temperature range for application of SikaBond®-TF plus N is +5 °C to +40 °C. During application and until the adhesive has fully cured the substrate must be +5°C min. and +40°C max. The substrate must be at least 3°C above dew point to reduce the risk of condensation.

Application Limits

Where two or more different reactive sealants are used, allow the first to cure completely before applying the next.
The compatibility of gaskets, backer rods, and other accessory materials with SikaBond®-TF plus N must be tested in advance.
Information in this datasheet is offered for general guidance only. Advice on specific applications will be given on request.

Method of Application

Surface preparation

Surfaces must be clean, dry and free from oil, grease, dust and loose or friable particles. Paint, cement laitance and any other contaminants must be removed.
Clean non-porous surfaces with Sika® Cleaner-205. Clean porous surfaces by brush and/or vacuum. For porous substrates exposed to frequent water contact use Sika® Primer-210 or Sika® Primer-3 N.

Application

After suitable substrate preparation, SikaBond®-TF plus N is gunned into place.
Tooling and application of SikaMembran® must be carried out within the skin time of the adhesive.
For detailed information about the application of SikaMembran® consult Product Data Sheet "SikaMembran Universal / Outdoor plus".

Removal

Uncured SikaBond®-TF plus N may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once cured, the material can only be removed mechanically.
Hands and exposed skin should be washed immediately using Sika® Handclean Towel or a suitable industrial hand cleaner and water. Do not use solvents!

Further Information

Copies of the following publications are available on request:

- Material Safety Data Sheet SikaBond®-TF plus N
- Product Data Sheet "SikaMembran® Universal / Outdoor plus"

Packaging Information

Unipac	600 ml
Box	20 Unipac
Pallet	48 boxes

Value Bases

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.

Health and Safety Information

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

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.

Further information available at:
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