

PRODUCT DATA SHEET

SikaBond® T-8

1-component adhesive for waterproofing.

DESCRIPTION

SikaBond® T-8 is a 1-component adhesive for waterproofing.

USES

SikaBond® T-8 is designed for waterproofing tile floors on balconies and terraces, in loggias, kitchens, bathrooms and other areas exposed to water.

CHARACTERISTICS / ADVANTAGES

- Fast curing
- Waterproofing and bonding with only one product
- Builds a waterproof layer
- Adhesion to various substrates
- Elastic, footfall sound-dampening properties
- Suitable for bonding directly onto old ceramic tiles
- Reduces of stress transfer between tiles and the substrate

APPROVALS / STANDARDS

- DIN EN 14891

PRODUCT INFORMATION

Chemical Base	Polyurethane
Packaging	10 l metal pail
Colour	Beige
Shelf Life	SikaBond® T-8 has a shelf life of 12 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage Conditions	SikaBond® T-8 shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Density	1.35 kg/l approx. (ISO 1183-1)

TECHNICAL INFORMATION

Shore A Hardness	35 approx. (after 28 days)	(ISO 868)
Tensile Strength	1.5 N/mm ² approx.	(ISO 37)
Elongation at Break	400% approx.	(ISO 37)
Shear Strength	1.0 N/mm ² , 1mm adhesive thickness	(EN 1465)
Service Temperature	-40 °C to +70 °C	

APPLICATION INFORMATION

Consumption	SikaBond® T-8 is applied in two layers. The first layer is for waterproofing, the second layer for bonding. Waterproofing layer: <ul style="list-style-type: none">▪ 2.0–2.7 kg/m² approx. with metal trowel, in a layer about 2 mm thick Bonding layer: <ul style="list-style-type: none">▪ 1.5 kg/m² approx. with a notched trowel (notches min. 4x4 mm / min. trowel C1) For substrates primed with Sika® Primer MB, the consumption of SikaBond® T-8 may be reduced.
Sag Flow	SikaBond® T-8 spreads easily and maintains stable trowel marks.
Ambient Air Temperature	+5 °C to +35 °C, min. 3 °C above dew point temperature
Relative Air Humidity	30% to 90%
Substrate Temperature	+5 °C to +35 °C
Substrate Moisture Content	Permissible substrate moisture content without Sika® Primer MB (standard application): <ul style="list-style-type: none">▪ < 6% CM Permissible substrate moisture content with Sika® Primer MB (as an additional waterproofing membrane): <ul style="list-style-type: none">▪ < 4% CM
Curing Rate	4 mm/24 hours approx. (23 °C / 50% r.h.) (CQP 049-2)
Skin Time / Laying Time	45 minutes approx. (23 °C / 50% r.h.) (CQP 019-1)

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.

FURTHER DOCUMENTS

- Safety Data Sheet
- Pre-treatment Chart Sealing and Bonding

LIMITATIONS

- For optimal workability, the adhesive temperature shall be > 15 °C.
- For correct curing of the adhesive, sufficient relative humidity is necessary.
- Do not use SikaBond® T-8 as an adhesive for vertical applications.
- SikaBond® T-8 elastic waterproofing layer shall not be covered with rigid tile adhesives.
- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE / Teflon), and other similar plasticized synthetic materials, SikaBond® T-8 is only to be used with the written agreement by Sika Technical Service.
- Some primers can negatively influence the adhesion of SikaBond® T-8 (pre-trials recommended).
- Do not expose uncured SikaBond® T-8 to alcohol containing products as this may interfere with the curing reaction.

ECOLOGY HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed.
- Concrete and/or cement screeds must be ground and thoroughly cleaned with an industrial vacuum.
- Anhydrite screeds, including flowable anhydrite screeds must be ground and thoroughly cleaned with an industrial vacuum shortly before bonding with the adhesive starts.
- Broadcast mastic asphalt must be primed with Sika® Primer MR Fast or Sika® Primer MB. For the instructions for use, please refer to the corresponding Product Data Sheet for Sika® Primer MB.
- Glazed ceramic and old existing ceramic tiles must be degreased and cleaned with Sika® Aktivator-205, or the tile surfaces must be ground and then thoroughly cleaned with an industrial vacuum.
- For other substrates contact Sika Technical Service for advice and assistance.

- SikaBond® T-8 can be used without priming on cement based floors, anhydrite floors, chipboards, concrete and ceramic tiles.
- For broadcasted mastic asphalt, cement based floors with excessive moisture content and use over old adhesive residues or on weak substrates use Sika® Primer MB. For detailed instructions contact Sika Technical Service.

APPLICATION METHOD / TOOLS

SikaBond® T-8 is applied in two layers. The first layer is for waterproofing, the second layer for bonding.

Waterproofing layer:

- Spread SikaBond® T-8 evenly with the straight edge of a trowel.

Bonding layer:

- As soon as the first layer can be walked on (after approx. 12–24 hours, depending on climate), the second layer of SikaBond® T-8 must be uniformly distributed using a notched trowel. Press the substrate firmly into the adhesive so that the underside is completely covered by the adhesive. This procedure has to be completed within 45 minutes (depending on the climate). Fresh uncured adhesive remaining on the substrate must be removed immediately with a clean cloth and if necessary cleaned with Sika® Remover-208 or Sika® TopClean-T towels. Test tile surfaces for compatibility with Sika® Cleaner-208 before use. Grout tile joints with a flexible grout (e.g. Sika-Ceram® CleanGrout).

Note: If the waiting time between first and second layer is exceeded and /or if the first layer has been soiled, the first layer must be reactivated and/or cleaned with Sika® Cleaner-205.

SikaBond® T-8 can be walked on after 12–24 hours, and cures completely after 1–2 days (depending on the environmental conditions and adhesive layer thickness).

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use with Sika® Remover-208 and/or Sika® TopClean T. Once cured, residual material can only be removed mechanically.

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. 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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