

PRODUCT DATA SHEET

Sikaplan® WT Tape-200

Termination, fixing and sealing tape for Sikaplan® WT Membrane Systems

DESCRIPTION

Sikaplan® WT Tape-200 is a modified polyolefin (FPO) waterproofing sealing tape for terminations and fixings of Sikaplan® WT membranes.

USES

Sikaplan® WT Tape-200 may only be used by experienced professionals.

- As a waterproofing sealing tape that is heat weldable to FPO based Sikaplan® WT waterproofing membranes
- Connects Sikaplan® WT membranes to the substrate and seal edges and terminations
- Waterproofing tunnel cross-sections requiring high performance, secure terminations of the the Sikaplan® WT Membrane System

CHARACTERISTICS / ADVANTAGES

- Good adhesion to most substrates
- Long-term water resistance under hydrostatic pressure
- Optimised workability
- Hot air weldable
- Flexible in cold temperatures
- Prevents lateral water underflow

PRODUCT INFORMATION

| | | |
|----------------------------|--|------------------------|
| Chemical Base | Modified Polyolefin (FPO) | |
| Packaging | Thickness | 2 mm |
| | Width | 200 mm |
| | Roll | 20 m |
| | Refer to current price list for packaging variations | |
| Appearance / Colour | Surface | Smooth |
| | Colour: Top surface | Grey (indicator layer) |
| | Bottom surface | Black |
| Shelf Life | 24 months shelf life from date of production | |
| Storage Conditions | Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures from +5 °C up to +30 °C. Store in horizontal position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging. | |

TECHNICAL INFORMATION

| | | |
|----------------------------|--|-------------------------------|
| Tensile Strength | > 20 N/mm ² (md / cmd) ¹ 1 md = machine direction / cmd = cross machine direction | (EN ISO 527) |
| Elongation | > 700 % (md / cmd) ¹ 1 md = machine direction / cmd = cross machine direction | (EN ISO 527) |
| Tear Strength | > 65 N (md / cmd) ¹ 1 md = machine direction / cmd = cross machine direction | (EN 12310-2) |
| Reaction to Fire | Class E | (EN ISO 11925-2 / EN 13501-1) |
| Service Temperature | Wet | -30 °C min. / +40 °C max. |
| | Dry | -30 °C min. / +60 °C max. |

SYSTEM INFORMATION

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|-------------------------|--|--|
| System Structure | <p>The Sikaplan® WT Tape-200 system consists of a modified Polyolefin (FPO) tape and a choice of Sikadur® epoxy adhesives for bonding. The following system products must be used:</p> <p>Tape</p> <ul style="list-style-type: none"> ▪ Sikaplan® WT Tape-200 <p>Adhesives</p> <ul style="list-style-type: none"> ▪ Suitable adhesives are: ▪ Sikadur®-31 CF Normal ▪ Sikadur-Combiflex® CF Adhesive Normal <p>Ancillary Products</p> <ul style="list-style-type: none"> ▪ Sikaplan® WT Membrane Systems | |
| Compatibility | Compatible with Sikaplan® WT 1200 / 2200 / 2280 series of membranes | |
| Consumption | Epoxy adhesive: ~1,2 kg/m of Sikadur®-31 CF Normal (tape width 200 mm). This figure is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level or wastage, etc. | |

BASIS OF PRODUCT DATA

safety-related 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.

LIMITATIONS

Installation work must only be carried out by Sika trained and/or approved contractors, experienced in this type of application.

- Reference must be made to the Sika Method Statement: Waterproofing of Cross Passages with Sikaplan® WT Tape-200
- Only use Sikadur® epoxy adhesives listed in System Structure
- Masking tapes and any other adhesive tapes must not be used on the black side of Sikaplan® WT Tape-200
- For installation below +5 °C ambient temperature, special measures are required in accordance with relevant national regulations and Sika guidelines.

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

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

Refer to the relevant section in the Sika Method Statement: Waterproofing of Cross Passages with Sikaplan® WT Tape-200.

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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