

PRODUCT DATA SHEET

Sikaplan® WT Disc

FIXING DISC ON BASE OF FPO-PE

DESCRIPTION

Sikaplan® WT Disc is a ready to use fixing disc on base of flexible polyolefine (FPO-PE).

USES

- For temporary and spotwise fixation of FPO sheet membranes
- For temporary and spotwise fixation of geotextile cushion layers under sheet membranes

CHARACTERISTICS / ADVANTAGES

- With predetermined breaking point against membrane overstress
- High flexibility for easy fixation at low temperatures
- Fast fixation with nailing gun system into shotcrete
- Heat weldable to all FPO-PE membranes (except Sikaplan® WT4220)
- Can be installed on wet substrates

APPROVALS / CERTIFICATES

Quality management system EN ISO 9001/14001

PRODUCT INFORMATION

Packaging	300 pcs / cardboard box
Appearance / Colour	Round shape with smooth surface on top and centre hole for nails with washer
Shelf life	5 years shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging
Storage conditions	Fixing pieces must be stored in their original packaging and in cool and dry conditions. They must be protected from direct sunlight, rain, snow and ice, etc.
Diameter	90 mm
Thickness	8 mm
Unit weight	30 g

TECHNICAL INFORMATION

Ambient Maximum Temperature of Liquids +40 °C

SYSTEMS

System Structure

Ancillary fixing tools (supplied by others):

- nailing system (i.e. Hilti DX 36): nailing gun incl. cartridges, compatible Hilti nails and washer for fixings into shotcrete
- steel spikes with steel washers (i.e. Hasko rivets) to be driven by hammering into pre-drilled hole in reinforced concrete

APPLICATION INFORMATION

Ambient Air Temperature

+5 °C min.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

In accordance with the requirements for the sheet waterproofing membrane to be fixed.

APPLICATION METHOD / TOOLS

Installation method:

In accordance with the Sika® application manual and installation instructions.

Use Sarnafil® T-Prep for cleaning of slightly soiled membrane and disc surface, if required.

The sheet waterproofing membranes are spotwise fixed with Sikaplan® WT Disc. Fix 1 piece/ m² on horizontal areas and 2-4 pieces/ m² vertical and overhead areas (tunnel crown) of Sikaplan® WT Disc.

Welding of sheet membrane on fixed disc must be performed with manual heat welding tool, type Leister Triac PID (or S type).

LIMITATIONS

- This product must only be used by Sika approved applicators.
- Sikaplan® WT Disc is not UV stabilised.
- Sikaplan® WT Disc cannot be used in combination with PP based membranes or in combination with Sikaplan® WT 4220.

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.

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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).

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.

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