

Technical data sheet
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 Sikaplan® WT Disc PE grey

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Fixing piece on base of FPO-PE

Product Description

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

Uses

- Fixing piece for temporary and spotwise fixing of FPO sheet membranes
- Fixing piece for geotextile cushion layer under sheet membranes

Characteristics / Advantages

- Compatible for the fixing with nailing system into shotcrete
- Heat weldable to all FPO-PE membranes (except Sikaplan® WT4220-15C)
- Can be installed on wet substrates
- Not compatible to Sikaplan® WT 4220-15C

Tests

Approval / Standards

Quality management system EN ISO 9001/14001

Product Data

Form

Appearance / Colours

Round shape with smooth surface on top and centre hole for nails with washer.
 Surface: smooth
 Size: dia. 90 mm, thickness 8 mm
 Colour: grey



Packaging

300 pcs. in cardboard box
 Unit weight: 0.03 kg/pcs.



Storage	
Storage Conditions	Fixing pieces shall be stored in their original package, under cool and dry conditions. They shall be protected from direct sunlight, rain, snow and ice, etc. The product does not expire during correct storage.
Technical Data	
System Information	
System Structure	<p>Ancillary fixing tools (supplied by others):</p> <ul style="list-style-type: none"> ■ 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 Details	
Substrate Quality	<p>Shotcrete:</p> <p>The profile of the shotcrete surface shall not exceed a ratio of length to depth of 5 : 1 and its min. radius shall be 20 cm. The shotcrete surface shall not contain broken aggregates. Where necessary to achieve the desired profile/surface, apply a fine gunite layer on the shotcrete surface with a minimum thickness of 5 cm and aggregate diameter not exceeding 4 mm. Steel (girders, reinforcement mesh, anchors etc.) shall also be covered with a minimum 5 cm of gunite. The surface of the shotcrete and gunite shall be cleaned (no loose stones, nails, wires, etc.).</p>
Application Conditions / Limits	
Substrate Temperature	0°C min. / +35°C max.
Ambient Air Temperature	+5°C min. / +35°C max.
Ambient max. Temperature of Liquids	+35°C (water)
Application Instructions	
Application Method / Tools	<p>Installation method:</p> <p>Loose laid and mechanically fastened in accordance with the Sika® application manual and installation instructions.</p> <p>Use Sarnafil® T-Prep for cleaning of slightly soiled membrane and Disc surface, if required.</p> <p>The sheet waterproofing membranes are spotwise fixed with Sikaplan® WT Disc PE grey. Fix 1pc./m² on vertical areas and 2 -3 pcs/m² overhead areas (tunnel crown) of Sikaplan® WT Disc PE grey.</p> <p>Welding of sheet membrane on fixed disc must be performed with manual heat welding tool, type Leister Triac PID (or S type) and hand held pressure roller.</p> <p>Welding temperature to be adjusted at welding tool shall be established with trials on site, prior to any welding works.</p>
Notes on Application / Limits	<p>This product shall only be used by Sika approved contractors.</p> <p>Sikaplan WT Disc PE grey is not UV stabilised and can not be installed on structures permanently exposed to UV light and weathering.</p>
REACH	<p>European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006)</p> <p>This product is an article within the meaning 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. Therefore, there are no registration requirements for substances in articles within the meaning of Article 7.1 of the Regulation.</p> <p>Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).</p>
Protective Measures	<p>Nailing gun operator shall wear eye protective goggles, ear-plugs and protective gloves, when fixing Sikaplan® WT Disc PE grey with cartridge driven nailing system (i.e. Hilti DX 36).</p> <p>Fresh air ventilation must be ensured, when working (welding) in closed rooms. Local safety regulations must be observed.</p>

Construction

Transportation Class	The product is not classified as hazardous good for transport.
Disposal	The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.
Value Base	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.
Health and Safety Information	This product is an article within the meaning of Article 3.3 of Regulation (EC) No. 1907/2006. A safety data sheet following EC- Regulation 1907/2006, article 31 is not needed to bring the product to the market to transport or use it. The product does not damage the environment when used as specified. See separate Safety Data Sheet
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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. www.sika.se .



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