

## PRODUCT DATA SHEET

# Sika Waterbar® - PVC-P Type WP DF 600

External waterbar with lateral welding strips

### PRODUCT DESCRIPTION

Sika Waterbar® - PVC-P Type WP DF 600 is a highly flexible, PVC-P based waterbar for single use as an external expansion joint waterbar or in connection with Sikaplan® WP flexible membrane liners in tunnel construction and other below ground waterproofing applications. Material compatibility with PVC-P based, Sikaplan® WP sheet membranes is given.

### USES

For the sealing of expansion joints of Sikaplan WP flexible membrane liners in tunnel construction (open and mine construction) and other below ground waterproofing applications.

### CHARACTERISTICS / ADVANTAGES

- High strength and elongation
- Resistant to ageing
- Resistant to microbiological attack
- Resistant to natural substances that are corrosive to concrete
- High mechanical stability
- Dimensionally stable
- High elasticity, even at low temperatures
- Suitable for hot air or hot wedge welding
- Resistant to a broad spectrum of chemical agents - testing is recommended for specific situations and combinations of chemicals.
- Not bitumen resistant

### PRODUCT INFORMATION

<b>Packaging</b>	15 m rolls or rod lengths on request	
<b>Appearance / Colour</b>	Grey	
<b>Shelf Life</b>	The product does not expire if stored correctly	
<b>Storage Conditions</b>	<p>In original condition with dry storage location and a storage temperature between +5 °C and +30 °C</p> <p>Short and long-term storage closed rooms: The storage space should be cool, dry, low-dust and moderately ventilated. Protect from UV, heat and intense artificial light.</p> <p>On construction sites, in the open air:</p> <ul style="list-style-type: none"> <li>▪ Protect from extremes of temperature, moisture, direct sunlight and dirt by a cover</li> <li>▪ Separate from materials, machinery and equipment with possible damaging effects, such as construction steel and fuel tanks</li> <li>▪ Store away from construction roads</li> </ul>	
<b>Total width</b>	600 mm	
<b>Sealing ribs</b>	3 on each side	
<b>Tensile Strength</b>	>10 N/mm <sup>2</sup>	ISO 527-1/3

Elongation

> 250 %

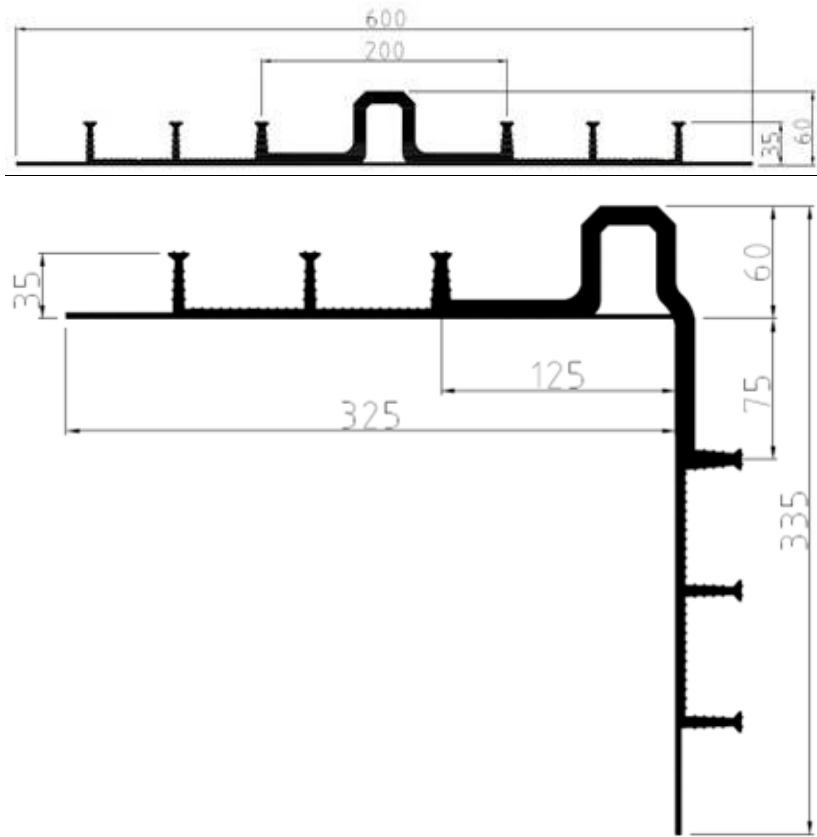
ISO 527-1/3

Behaviour after heat welding

Behaviour of the weld membrane / waterbar: Break outside the weld >0.6 (EN12317-2)

Peel resistance of the weld membrane / waterbar: >6 N/mm (EN 12316-2)

System Structure



## 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.

## 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 the 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).

## 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.

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