



PRODUCT DATA SHEET

Sika® Dilatec® ER-350

Multifunctional sealing tape for PVC membranes

PRODUCT DESCRIPTION

Sika® Dilatec® ER-350 is a flexible waterproofing tape based on polyvinyl chloride (PVC) with advanced adhesion properties. The tape connects and terminates Sikaplan® WP (PVC) sheet membranes onto concrete or metal substrates. The E-edge on one side of the tape is bonded to concrete or metal with Sikadur® epoxy adhesives. The R-edge on the other side is hot air welded to the Sikaplan® WP membranes. Thickness 1,6 mm. It is part of the Sika® Dilatec® joint sealing system.

WHERE TO USE

Sealing of different structures and applications including:

- Bridges
- Basements
- Cut and cover tunnels

Sealing of:

- Connections and termination of Sikaplan® WP membranes onto concrete

CHARACTERISTICS / ADVANTAGES

- Multifunctional joint sealing solution
- High flexibility and joint bridging ability
- Good chemical resistance
- Proven performance over decades
- Good adhesion properties
- No activation on site required
- Hot air weldable

APPROVALS / CERTIFICATES

- Material Properties of Sika® Dilatec® ER-350, tecnotest ag, Test report No. A4020-05

PRODUCT INFORMATION

Composition / Manufacturing	PVC, bitumen compatible
Packaging	1 roll of 20 m length Refer to current price list for packaging variations
Shelf Life	36 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +30 °C. Opened and unprotected rolls must be used within 2 months. Always refer to packaging.
Appearance / Colour	Grey surface with white fabric edge on one side
Width	350 mm

Thickness	1,60 mm (-5 % / +10 %)	(EN 1849-2)
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SYSTEMS

System Structure	The following system products must be selected from the following depending on design: Tape <ul style="list-style-type: none"> Sika® Dilatec® tape E-220, BE-300, ER-350, B-500, BR-500 Adhesive <ul style="list-style-type: none"> Sikadur-Combiflex® CF Adhesive Normal or Rapid Sikadur®-31 CF
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TECHNICAL INFORMATION

Tensile Strength	≥ 10,0 N/mm ²	(EN ISO 527-3)
Elongation	> 200 %	(EN ISO 527-3)
Service Temperature	-10 °C min. to +40 °C max	
Foldability	Pass (-25 °C)	(EN 495-5)
Watertightness	Pass (Method B, 24 hours /10 bar)	(EN 1928)
Chemical Resistance	Pass (28 days / +23 °C)	(EN 1847)
	Pass (Method B, 24hours / 60 kPa)	(EN 1928)
Reaction to Fire	Class E	(EN ISO 11925)

APPLICATION INFORMATION

Ambient Air Temperature	Refer to System Data Sheet: Sika® Dilatec® System
Substrate Temperature	Refer to System Data Sheet: Sika® Dilatec® System

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

OTHER DOCUMENTS

- System Data Sheet: Sika® Dilatec® System
- Sika® Application Manual: Sika® Dilatec® System

LIMITATIONS

- Refer to the Sika System Data Sheet: Sika® Dilatec® System

ENVIRONMENT, HEALTH & SAFETY

HAZARDOUS PRODUCT ACT - SECTION 2

This product is a manufactured article that does not require Safety Data Sheets to be marketed, transported or applied at the jobsite, according to the Hazardous Product Act - Section 2. Based on our current knowledge, this product is not classified as dangerous and does not contain any hazardous materials. Always wear personal protective equipment (including safety goggles and gloves) to manipulate and install Sika® products.

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.

Reference must be made to the Sika® Application Manual: Sika® Dilatec® System

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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Product Data Sheet

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