

## PRODUCT DATA SHEET

# Westec PE

### WESTEC® POLYETHYLENE WATERSTOP

#### PRODUCT DESCRIPTION

Polyethylene (VLDPE) Waterstop for joint waterproofing of secondary containment structures.

#### USES

- Ethanol/Biodiesel
- Petrochemical Manufacturing
- Refineries
- Pulp and Paper Mills
- Land, Air and Seaports
- Pipeline
- Pharmaceutical Plants

#### CHARACTERISTICS / ADVANTAGES

- Embedded in concrete, across and/or along the joint, waterstops form a watertight diaphragm that prevents the passage of liquid through the joint.
- Suitable for contact with a wide range of chemicals - particularly effective for hydrocarbons such as Benzene, Toluene, and Xylene.
- Certain profiles have received European Technical Approval for watersealing bands and approved for CE marking in the European Union, ETA-04/0044.

#### PRODUCT INFORMATION

Packaging	Varies
Shelf Life	N/A
Storage Conditions	N/A

#### TECHNICAL INFORMATION

Shore A Hardness	40 Shore D	(ASTM D2240)
Tensile Strength	2000 psi	(ASTM D638)
Tensile Modulus of Elasticity	4200 psi	(ASTM D638)
Elongation	800%	(ASTM D638)
Chemical Resistance	Resistant to a wide range of chemicals.	

## APPLICATION INSTRUCTIONS

Westec® PE Waterstop must be installed prior to concrete placement to ensure proper positioning and concrete consolidation around the waterstop. All transitions, intersections, and splices should be heat welded to maintain continuity. Factory Made Fabrications are recommended for all intersections and changes of direction. Specific installation requirements will vary depending on the style of profile.

### APPLICATION METHOD / TOOLS

All transitions, intersections, and splices must be heat welded using a Sika® Splicing Iron in compliance with the instructions shown in Sika's TPER/PE Splicing Guidelines.

## LIMITATIONS

The size, shape, and style of waterstop should be based on specific application needs. Please consult Sika Technical Support on 01707 394444 for assistance with profile selection.

## 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.

## 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 safety-related data.

## 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 recommenda-

tions. 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.

**SIKA LIMITED**  
Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited

**SIKA IRELAND LIMITED**  
Ballymun Industrial Estate  
Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @SikaIreland



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