# Sika® Westec® Epoxy Gel 151

## Polysulfide-Modified Epoxy Novolac

### Description

The Sika® Westec® Epoxy 151 System is a multi-functional polymer epoxy formulated to provide maximum chemical resistance to Sulfuric Acid and other aggressive chemicals. Micro fillers and epoxy Novolac resin are combined with special “stress-reliving” additives to provide a durable and concrete compatible surfacing.

The Sika® Westec® Epoxy 151 Gel was designed specifically to complement the Westec™ retrofit waterstop. The gel provides a gasket seal behind the waterstop and has similar chemical resistance to the TPER waterstop. The Sika® Westec® Epoxy 151 System is designed for a broad range of applications depending on specific service requirements including duration and degree of chemical exposure.

### Where to Use

For use in adhering Sika® Westec™ retrofit waterstop to concrete in chemical resistant application.

### Advantages

- Resists concentrated acids in immersion service.
- Superior compatibility with concrete substrates.
- 100% solids - Contains no volatile organic compounds (VOC's).
- No heat or baking required to achieve properties.

### Typical Data Coverage

Apply bed of epoxy at 1/8” thick. Coverage rates vary based on Sika® Westec™ retrofit profile selected. Typical coverage rates are ~ 20’ - 40’ linear feet per gallon. Consult a Sika® Greenstreak™ engineer for specific Sika® Westec™ retrofit waterstop coverage rates.

### Packaging

<table>
<thead>
<tr>
<th>1 Gallon Unit Consists of:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Component A: 1 Gallon container Resin – 5.2 lbs</td>
<td></td>
</tr>
<tr>
<td>Component B: Pre-measured Hardener – 1.5 lbs</td>
<td></td>
</tr>
<tr>
<td>Total Net Weight: 6.7 lbs</td>
<td></td>
</tr>
</tbody>
</table>

### Cure Mechanism

Cure time depends on air and surface temperature as well as mass of epoxy.

### Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color After Mixing</td>
<td>Grey</td>
</tr>
<tr>
<td>Pot Life at 77°F</td>
<td>45 minutes</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Gel consistency/Trowel Grade</td>
</tr>
</tbody>
</table>

### Chemical Resistance

Sika® Westec® Epoxy 151 System will resist most strong inorganic acids except nitric acid. It also performs well when exposed to aliphatic and aromatic solvents. It is not recommended for organic acids and chlorinated solvents.

### Volatile Organic Compound

The VOC for Sika® Westec® Epoxy 151 is 36 g/l

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## How to Use

### Surface Prep
Prepare concrete surface by sandblasting or other mechanical means until a slight texture is evident. Blow off all excess dust and contaminants. Surface should be free of water, oils, and chemicals.

### Mixing
Preblend each Sika® Westec® Epoxy 151 component because of setting that may have occurred during shipping or storage. Pour Component B Hardener into Component A Resin pail. Mix well using a mechanical jiffy type mixer operated at low speed until a consistent color is attained.

### Application
- Apply only between 45°F and 98°F degrees.
- Apply by trowel or putty knife. If applying at temperatures above 85°F, place pail of mixed material in an ice bucket to extend working time. Always wear gloves when using this product.

### Shelf Life
1 year in original unopened containers.

### Storage
Store all components in a dry place between 60° and 85°F. Keep away from open flames.

### Product Conditioning
Do not apply at temperatures less than 45°F or greater than 100°F.

### Important
Do not thin with solvents.

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**KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY • FOR PROFESSIONAL USE ONLY**

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