

PRODUCT DATA SHEET

Westec Epoxy Gel 151

POLYSULFIDE-MODIFIED EPOXY NOVOLAC

PRODUCT DESCRIPTION

The Westec Epoxy Gel 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-relieving” additives to provide a durable and concrete compatible surfacing.

The Westec Epoxy Gel 151 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 Westec Epoxy Gel 151 System is designed for a broad range of applications depending on specific service requirements including duration and degree of chemical exposure.

USES

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

CHARACTERISTICS / 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.

PRODUCT INFORMATION

Chemical Base	Gel consistency/Trowel Grade
Packaging	1 Gallon Unit Consists of: Component A: 1 Gallon container Resin – 5.2 lbs Component B: Pre-measured Hardener – 1.5 lbs Total Net Weight: 6.7 lbs
Colour	Grey after mixing
Shelf Life	1 year in original unopened containers
Storage Conditions	Store all components in a dry place between 60° and 85°F. Keep away from open flames.
Volatile organic compound (VOC) content	36 g/l

TECHNICAL INFORMATION

Chemical Resistance	Westec Epoxy Gel 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.
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APPLICATION INFORMATION

Consumption	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.
Ambient Air Temperature	Apply only between 45°F and 98°F degrees.
Pot Life	45 minutes at 77°F
Curing Time	Cure time depends on air and surface temperature as well as mass of epoxy.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

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

Pre-blend each Westec Epoxy Gel 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 METHOD / TOOLS

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.

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 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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