

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-reliving” 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
Color	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.

APPLICATION INFORMATION

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.

Ambient Air Temperature

Apply only between 45°F and 98°F degrees.

Pot Life

45 minutes at 77°F

Cure 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.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety

Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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