

Prime
Flex

Prime
Rez

Prime
Gel

Prime
Bond

Prime
Coat

Joint
Shield

PRIME FLEX™ 985 LX-10

Two component structural polyurethane foam.

ADVANTAGES:

- Quick set time
- Low viscosity
- Hydro Insensitive
- Bonds with soil and concrete
- Low exotherm (will not self ignite)

PACKAGING:

- 10 Gallon Units
- 100 Gallon Units
- 600 Gallon Units

DESCRIPTION AND USES:

Detailed Description

Prime Flex 985 LX-10 is a two component, low exotherm, polyurethane foam used to fill voids and underseal concrete slabs.

Technical Description

Two component, closed cell, high density structural polyurethane foam.

Uses

Undersealing and stabilizing concrete slabs.

Compaction grouting soil.

Filling voids behind pipes, walls, manholes, and other structures.

Typical Structures

Concrete slabs

Pipes

Manholes

Roadways

PHYSICAL PROPERTIES:

Physical Properties 73° F - Liquid

Solids Content 100%. Viscosity 270-280 Centipoise

Physical Properties - Cured

Compressive Strength (ASTM D-1621) 8640 p.s.f.

Expansion 10 times

Density 4.5 pounds per cubic foot

Shrinkage (ASTM D-1042 / D-756) None

Properties will vary depending on application conditions.

Reaction Time

Initial Reaction Time 70 seconds

Tack Free 5-7 min

85% Full Strength 15 min

GENERAL GUIDELINES:

Material Preparation	Store material overnight to precondition to 70°-80° F prior to use. Pre-mix each component prior to combining. "B" component contains chemicals that settle over time. Failure to properly pre-mix will result in uncured or improperly cured material.
Mix Ratio:	A:B = 1:1 by volume
Mixing Procedures:	Pre-mix each component prior to dispensing. Failure to properly pre-mix will result in uncured or improperly cured material. Material sets too fast to batch mix. Use FlowMaster pump to dispense. Pump Application: This product is ideally suited to be installed using Prime Resins' Flow Master pump.
How To Use:	For more info, see www.primeresins.com/primepractices.php
Accessory Products:	Eco Flush, Soil Probes, Pumps, Pipe Jack
Personal Protection:	Safety Glasses, gloves, avoid skin contact, do not ingest, for professional use only, see MSDS. For use in well ventilated areas only to keep vapor concentrations low. Use mechanical ventilation if necessary. Use self contained breathing apparatus in confined areas.
Cleanup:	Flush injection equipment with Prime Flex Eco Flush. Clean off of skin with soap and water. Remove cured material by soaking in Prime Flex CGC (not appropriate for contact with plastic).
Environmental Protection:	Cured material is environmentally safe. Dispose of in approved landfill. Clean up any spilled catalyzed liquid material and dispose of in accordance with local state and federal regulations
First Aid:	Eye Contact: Immediately flush with large amounts of water. Seek medical attention. Inhalation: Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention. Ingestion: Seek medical attention immediately. Skin Contact: Wipe off contaminated area and wash with soap and water.
Limitations:	Cold temperatures will slow down reaction time and increase viscosity. pH below 3 or above 10 may adversely affect foam properties.
Warranty:	Prime Resins warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.
Storage:	Store in dry environment between 40° and 80° F. Shelf Life: 12 months from date of manufacture in unopened containers properly stored.
Shipping Information:	Shipping Class: Motor Freight Class 60 Hazard Classification: Non Hazardous
Manufacturer Information:	This product is manufactured by Prime Resins under strict quality assurance practices at our Conyers, GA plant.



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