



DESCRIPTION

Prime Flex™ 985 LX20 is a two-component, low exotherm, polyurethane foam used to fill voids, stabilize soil and underseal concrete slabs. Its low viscosity allows for moderate permeation effects as well. The foam is a closed-cell, high density structural foam. The product has been independently tested and verified to meet **NSF/ANSI Standard 61.5 for contact with potable water**. LX20 Fast has the same features but with much faster reaction times. See test data below for comparison.

TYPICAL AREAS OF USE

- Concrete slabs
- Pipes
- Manholes
- Roadways
- Seawalls
- Sinkholes

ADVANTAGES

- **NSF/ANSI 61.5 compliant** (standard LX20 only)
- Quick set time
- Low viscosity
- Hydro insensitive
- Bonds with soil and to concrete
- Low exotherm (will not self ignite)

ACCESSORY PRODUCTS

Eco Flush, soil probes, pumps, pipe jack

PACKAGING

- 10 gallon units
- 100 gallon units
- 600 gallon units

Standard Prime Flex™ 985 LX20 will be shipped unless LX20 Fast is specified.

WEIGHT

A side: 10.258 lb/gallon
B side: 8.497 lb/gallon

MIX RATIO

A:B = 1:1 by volume

MATERIAL PREPARATION

Store material overnight to precondition to between 70 and 80°F (21 to 27°C) 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.

LIMITATIONS

Cold temperatures will slow down reaction time and increase viscosity. pH below 3 or above 10 may adversely affect foam properties.

Typical Data: Physical Properties at 73°F (23°C) - Liquid

Properties will vary depending upon site conditions, application method, mixing method and equipment, material temperature, and curing conditions.

Solids content 100%

Viscosity 270-280 centipoise

Note: Viscosity scale for Prime Resins products: 50 and under= super low, 51-100= very low, 101-400= low, and 401-1000= moderate viscosity.

Flash point “B” component < 72°F (22°C)

Physical properties - cured

Compressive strength	ASTM D-1621	24 p.s.i. / 3456 p.s.f.
Expansion	23 times	
Density	3 pounds per cubic foot	
Shrinkage	ASTM D-1042 / D-756	None

Reaction time LX20

Initial reaction time	70 seconds
Full rise	6-12.5 minutes
85% full strength	15 minutes

LX20 Fast

Initial reaction time	12 seconds
Full rise	65-85 seconds

STORAGE

Store in dry environment between 40° and 80°F (4.4-27° C)
Shelf Life: 12 months from date of manufacture in unopened containers properly stored.

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).

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.

SHIPPING INFORMATION

Shipping Class: Flammable liquids, N.O.S Resin Solution,
UN 1866, Class 3, PG II
Hazard Classification: 3

SAFETY

Use OSHA-approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. See SDS for complete safety precautions. For professional use only.

ENVIRONMENTAL PROTECTION

Cured material is environmentally safe. Dispose of in approved landfill. Clean up any spilled catalyzed liquid material and add a small amount of water to cure unreacted material.

MANUFACTURING INFORMATION

Products are manufactured by Prime Resins, Inc. in the U.S.A. under strict quality assurance practices at our Conyers, GA plant.

WARRANTY & DISCLAIMER

Prime Resins, Inc. 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, Inc. are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins, Inc. 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.

