

Prime Flex 985 5.0



Two-component structural polyurethane foam

Description

Prime Flex 985 5.0 is a two-component, high density, closed-cell structural polyurethane foam used to fill voids and underseal concrete slabs.

Primary Applications

- Concrete slabs
- Pipes
- Manholes
- Roadways

Advantages

- High strength
- Low viscosity
- Hydro insensitive
- Bonds with soil and concrete

Packaging

- 1:1 Quick Mix cartridges (case of 10)

Technical information: 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: 800-1000 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	Results	Test Method
Compressive strength	100 psi	ASTM D-1621
Expansion	12x	
Density	5 lbs/cubic ft	
Shrinkage	None	ASTM D-1042 / D-756

Reaction times	
Cream time	60 seconds
Tack free	3 minutes
85% full strength	20 minutes

Accessory Products

Manual or air powered 300 ml x 300 ml cartridge gun

Directions For Use

Mixing 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.

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

Storage & Clean Up

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. Protect from moisture.

Clean Up: Clean off skin with soap and water immediately.

Environmental Protection

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

Shipping

Shipping Class: Motor Freight Class 60

Hazard Classification: Not Hazardous

Health & Safety

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

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.

Manufacturing

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

Warranty & Disclaimer

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