

Prime Plug



Hydraulic cement

Description

Prime Plug is a rapid-setting concrete patching material designed to cut off water leaking through concrete or masonry surfaces. This quick-set hydraulic cement is used in conjunction with Prime Flex products.

Primary Applications

- Manholes
- Pipes
- Tanks
- Tunnels
- Utility vaults
- Elevator pits

Advantages

- Exhibits excellent bond strengths and high early strengths
- Available in three different set times
- Stops gushing leaks
- Non-shrink

Packaging

- 50 lb. pails
- 36 pails per pallet

Technical information: Physical properties

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

Test Data			
	1 day	7 days	28 days
Compressive strength (ASTM C-109)	3,500 psi	4,900 psi	5,500 psi
Tensile strength (AASHTO T 132)	200 psi	250 psi	350 psi

Color gray

Test Data	
<u>Set time</u>	
Prime Plug 2	3-5 minutes (blue top)
Prime Plug 3	8-13 minutes (blue top)

Directions For Use

Surface preparation:

Surfaces must be clean and free of any dust, oil, grease, curing compounds or any other contaminants. Mechanical or blast cleaning is required. Shotblast is the idea preparation method.

Mixing Ratio:

Four parts powder: one part clean water by volume

Material Preparation: Precondition materials to between 65 and 85°F (18 and 29°C) prior to use. Mix with luke warm water.

Mixing Consideration: Always add powder to water, never water to powder. Add approximately four parts powder to one part clean water by volume. Mix with trowel. Varying water volume will not affect working time.

Limitations: Do not use below 35°F (2°C)

Storage & Clean Up

Storage: Store in dry environment between 40° and 80°F (4 - 27°C). Do not allow product to freeze. Shelf life: 6 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 accordance to appropriate regulations. Clean up any spilled catalyzed liquid material and dispose of according to local, state and federal regulations.

Shipping

Shipping Class: Motor Freight Class 60

Hazard Classification: ORM-D

Health & Safety

Safety: "B" component contains amines and may cause severe burns upon skin contact for any length of time. 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 immediately.

Manufacturing

Products manufactured by Prime Resins, Inc. in 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.

Revised 8/9/2019