

Prime
Flex

Prime
Rez

Prime
Gel

Prime
Bond

Prime
Coat

Joint
Shield

Prime
Guard

Prime
Patch

PRIME FLEX™ ROCK GROUT 9200

Two component, low viscosity, high-strength polyurethane injection resin

DESCRIPTION AND USES:

ADVANTAGES:

- Very low viscosity for good penetration
- Encapsulates, strengthens and stabilizes rock formations
- Watertight
- Quick set time

Detailed Description

Rock Grout 9200 is an extremely thin, high strength, fast-reacting polyurethane injection resin that forms a dense, hard fill material required for anchoring and binding aggregate rock.

Technical Description

Two component, low viscosity, high density structural polyurethane injection resin

Uses

Stabilizing soils, consolidating rock

Typical Structures

Highways, Roads and Bridges
Mines
Tunnels
Earthen Dams
Excavation Pits
Sea Walls
Foundations

PACKAGING:

- 100 Gallon Units
- 600 Gallon Units

PHYSICAL PROPERTIES:

Physical Properties 73° F- Liquid

Solids Content 100%
Viscosity 190-200 Centipoise

Physical Properties - Cured

Compressive Strength: (ASTM D - 1621) 10,000 p.s.i
Density: (ASTM D - 1622) 75 pounds per cubic foot
Tensile Strength: (ASTM D - 1623) 4,800 p.s.i
Elongation: 3% or less
Water Absorption: 0% - 24HR data
Flash Point: 124° C or 255° F
Cured Toxicity: Inert

Reaction Times

Initial Reaction Time 5 min.
Final Set Time 24 hrs.
Manufacturers recommended air injection temperature range 40° to 130° F

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.
- 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
- 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 immediately.
- 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 50° 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.



www.primeresins.com

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