

Prime  
Flex

Prime  
Rez

Prime  
Gel

Prime  
Bond

Prime  
Coat

Joint  
Shield

Prime  
Guard

Prime  
Patch

# PRIME REZ™ 1200 LOW MOD LV

## Extremely Low Viscosity Epoxy Injection Resin

### ADVANTAGES:

- High Compressive, Bond, Tensile and Flexural Strengths.
- Extremely Low Viscosity.
- Excellent Flexibility
- Good Chemical Resistance.

### CONFORMS TO:

- ASTM C-881 Type II and III, Grade 1, Class B and C
- USDA Approved

### PACKAGING:

- 1-1/2 Gallon
- 3 Gallon Units
- 15 Gallon Units
- 2:1 "Quick Mix" Cartridges - Case of 10

### PHYSICAL PROPERTIES:

#### Physical Properties 73° F- Liquid

Viscosity 70-90 cps  
Color Amber (clear)

Pot Life	100 Grams	1 Gallon	20 mils
90° F	15 min	11 min	2 hr 10 min
73° F	30 min	23 min	8-12 hrs
50° F	1 hr, 15 min	1 hr	12-15 hrs

### DESCRIPTION AND USES:

#### Detailed Description

Prime Rez 1200 is an extremely low viscosity epoxy resin originally designed to be injected into cracks in concrete, masonry, or stone that are subject to shock or vibration.

#### Technical Description

Two Component, 100% solids, extremely low viscosity, specialty epoxy resin.

#### Uses

- Pressure injection of cracks in concrete, masonry, stone, and wood.
- Gravity feed of cracks in horizontal surfaces.

#### Typical Structures

Concrete walls and floors. Parking decks, dams, bridges, retaining walls, foundation walls, etc.

### TEST DATA:

Compressive Strength	ASTM D-695	6,120
Compressive Modulus of Elasticity	ASTM D-695	139,000
Tensile Strength	ASTM D-638	4,230
Tensile Modulus of Elasticity	ASTM D-638	147,000
Tensile Elongation	ASTM D-638	35.0%
Bond Strength (Dry Cure) - 2 Day	ASTM C-882	1,940
Bond Strength (Dry Cure) - 14 Day	ASTM C-882	2,900
Flexural Yield	ASTM D-790	2,760
Shore Hardness	D Scale	70 D
Water Absorption	ASTM D-570	1.5%

### COVERAGE:

231 cubic inches per gallon

## GENERAL GUIDELINES:

<b>Material Preparation</b>	Pre-Condition material to 70°-80° F.
<b>Mix Ratio:</b>	A:B = 2:1 by volume
<b>Mixing Procedures:</b>	<b>Manual Mixing:</b> Pre-mix each component prior to combining. Only mix the amount of material that can be used within the pot life. Thoroughly mix materials using a low speed drill with a mixing paddle. Scrape the sides and bottom of the pail while mixing. Note: Larger batches exotherm and set up faster than small batches.  <b>Pump Application:</b> This product is ideally suited for use with a two component injection pump or "Quick Mix" cartridge system.
<b>Surface Preparation:</b>	Surfaces must be clean and free of any dust, oil, grease, curing compounds, or any other contaminants. Mechanical or blast cleaning is recommended whenever possible.
<b>How To Use:</b>	See "Prime Practices" for detailed application techniques. <a href="http://www.primeresins.com/primepractices.php">www.primeresins.com/primepractices.php</a>
<b>Accessory Products:</b>	Prime Gel 2000, 2100, 2500, or 2800 Surface Seal, Injection Ports
<b>Personal Protection:</b>	"B" Component contains amines and may cause severe burns upon skin contact for any length of time. Wear Safety Glasses, gloves, avoid skin contact, do not ingest, for professional use only, see Material Safety Data Sheet.
<b>Cleanup:</b>	Clean off of skin with soap and water immediately.
<b>Environmental Protection:</b>	Cured material is environmentally safe. Dispose of in approved landfill. Clean up any spilled liquid material and dispose of according to local, state, and federal guidelines.
<b>First Aid:</b>	<b>Eye Contact:</b> Immediately flush with large amounts of water. Seek medical attention. <b>Inhalation:</b> Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention. <b>Ingestion:</b> Seek medical attention immediately. <b>Skin Contact:</b> Wipe off contaminated area and wash with soap and water.
<b>Limitations:</b>	Cold temperatures will slow down reaction time and increase viscosity. Do not use below 32° F as ice crystals in the concrete will inhibit bond. Material that is off ratio or not mixed thoroughly will not cure to full strength and may remain tacky indefinitely.
<b>Warranty:</b>	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.
<b>Storage:</b>	Store in dry environment between 40° and 80° F. Do not allow product to freeze. Shelf Life: 12 months from date of manufacture in unopened containers properly stored. Protect from moisture.
<b>Shipping Information:</b>	Shipping Class: Motor Freight Class 60 Hazard Classification: ORM-D
<b>Manufacturer Information:</b>	This product is manufactured by Prime Resins under strict quality assurance practices at our Conyers, GA facility.



[www.primeresins.com](http://www.primeresins.com)

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