

Stop Leaks

**Stabilize
Soil**

**Strengthen &
Protect
Concrete**

The Truth about Prime Products

There are two sides to every story. Knowing both sides gives us perspective for making decisions, doing what's right and standing behind our beliefs.

Equal Parts of Art & Science

Polyurethane grouts, epoxy injection resins and polyurea coatings from Prime Resins perform like true champions to stop leaks, stabilize soil, strengthen and protect concrete structures. Each polymer is engineered and formulated for specific environments, conditions and outcomes.

Predictable solutions begin with science, but that's only part of the story. It is the artful application of this science that extends the lifecycle of infrastructure and consistently creates the most valuable repair plan in the concrete restoration industry.

Truth is, when used correctly, the right product never fails to perform within the environment they are designed. Choosing the appropriate resin, using the correct application technique by trained and experienced technicians are equally important to achieving desired results.

**POLYURETHANE GROUTS
EPOXY INJECTION RESINS
POLYUREA COATINGS
PUMPS & ACCESSORIES**

1970'S

1973 - David L. Barton begins operations as niche concrete repair contractor specializing in epoxy injection.

1978 - Mr. Barton's company pioneers polyurethane injection techniques.

1980'S

1982 - Prime Resins founded to manufacture epoxy resins.

1987 - "Quick-Mix" Cartridge System is born. First to package polyurethane injection resins.

1988 - Mr. Barton elected founding President of International Concrete Repair Institute-ICRI.

Competing with Integrity—an Inherited Culture

Prime Resins thinks like a contractor, acts like a specifying engineer and takes command of the entire value-chain to drive confidence in every project. With a heritage in American contracting, three decades of experience and integrity to solve problems objectively, both our company and products are assets on your team. Our problem solving culture is now a systematic approach for removing guess-work and injecting experience.

The INGENUITY™ System can be your system. Bring us your toughest challenge. You'll see why specifying engineers, contractors, industrial and government entities choose to align with Prime.

Care Services Makes all the Difference

While advancing the science, we're also teaching the art. Our education initiative called INNOVERSITY™ includes on-line, off-line, & on-site training resources for engineers and contractors. These partner enablement programs drive successful customer experiences

for private and public property owners.

With proven How-To Procedures documented as PRIME PRACTICES™, it's like we're present on every jobsite. Specialty contractors benefit from these step-by-step instructions while making intuitive decisions for the well-being of the customer.

If a critical on-site issue occurs, 24/7 PRIME TIME SUPPORT™ is accessible anytime, any day. Why? Because we never stop caring about producing favorable outcomes.

We take our promise-to-customer seriously. *Do it Once, Right and For Good* is a more than a noble intention. It sets up an entire delivery system.

From our innovative R&D laboratory and 48,000 square foot production and distribution center, Prime Resins is in command of manufacturing the science and managing the art of injecting life into infrastructure.

PRIME SERVICES



24/7 PRIME TIME SUPPORT™

Because We Never Stop Caring



PRIME PRACTICES™

Proven How-To Procedures



INGENUITY SYSTEM™

30 Years of Problem Solving



INNOVERSITY™

On-line, Off-line, On-site Education

Prime Resins—building authority and world-wide reputation as the brand chosen for value and integrity.

Injecting Life into Infrastructure

1990 - Prime Resins develops Prime Flex family of polyurethane injection resins.

1995 - Prime Flex 900XLV is classified by Underwriters Laboratory to ANSI/NSF 61 for use in potable water applications.

1992 - Stephen Barton leads first major permeation & compaction grouting project.

1998 - Introduction of two-part polyurethane for filling voids & stabilizing under slabs.

2009 - Expansion of R&D Laboratory, production facilities and warehousing.

2004 - Move to current 48,000 sq. ft. facility and 16 acre corporate campus.

2010 - Introduction of Precision Lift & polyurea coatings. Stephen Barton appointed President.

1990's

2000's

2010's

PRODUCT APPLICATION GUIDE

Our Product Application Guide will help you choose the best product to fulfill your repair need. Questions or comments? Call **1-800-321-7212** for technical support, 24 hours a day / 7 days a week.



	NSF 61 Potable Water	Leak Repair - Hairline	Leak Repair - Gushing	Void Filler / Slab Stabilization	Soil Stabilization	Concrete Crack Repair (Structural)	Surface Sealing Cracks	Epoxy Anchoring Adhesives	Concrete Floor Crack / Spall Repair	Bonding Agents	Floor Protection	Concrete Floor Joint Fillers	Concrete Protection
Prime Flex 900 - XLV	●	●											
Prime Flex Hydro Gel SX	●		●		●								
Prime Flex 910					●								
Prime Flex 920	●		●	●	●								
Prime Flex 940		●	●										
Prime Flex 985 - Rigid Foam				●									
Prime Flex EXP			●	●									
Prime Plug (1, 2 & 3)			●										
Prime Rez 1000 - High Mod						●							
Prime Rez 1100 - High Mod LV						●							
Prime Rez 1200 - Low Mod LV						●							
Prime Rez 1600 - Injection Gel						●							
Prime Rez 1900 - Long Pot Life						●							
Prime Gel 2000 - High Mod							●	●					
Prime Gel 2100 - Low Mod							●						
Prime Gel 2200 - Flexible							●						
Prime Gel 2500 - Quick Bond							●	●					
Speed Bond #1								●					
Prime Bond 3000 - High Mod								●		●			
Prime Bond 3100 - Medium Mod									●	●			
Prime Bond 3900 - High Mod LPL									●	●			
Floor Fix									●				
HydroLock											●		
Prime Coat 4000													●
Prime Coat 4300 - Novolac											●		●
Prime Coat 4500 - Ultra Clear											●		●
Prime Coat CTL													●
Joint Shield 5000 Epoxy 80A									●			●	
Joint Shield 5100 Caulk Grade									●			●	
Joint Shield 5500 Polyurea 95A									●			●	
Prime Guard 7000 Aromatic											●		●
Prime Guard 7100 Potable Water	●												●
Prime Guard 7200 U.V. 100											●		●
Prime Guard 7300 U.V. 10											●		●
Prime Guard 7400 FDA											●		●
Prime Guard 7500 Chimney Seal		●					●						●

APPLICATION - Leak Repair / Soil Stabilization

Prime Flex Polyurethane Injection Resins

Hydraulic Cement

	Product Description	Applications	Advantages	Packaging
Prime Flex 900 XLV	<ul style="list-style-type: none"> • Low viscosity, single component, water activated, hydrophilic, flexible • NSF/ANSI Standard 61 certified - approved for potable water contact 	<ul style="list-style-type: none"> • Seal leaks in cracks and joints 	<ul style="list-style-type: none"> • Single Component (no catalyst required) • Extremely flexible, very tough foam • Up to 600% expansion 	<ul style="list-style-type: none"> • "Single Shot" Cartridge • "Quick Mix" Cartridge • 1 Gallon Unit • 5 Gallon Unit
Prime Flex Hydro Gel SX	<ul style="list-style-type: none"> • Extra low viscosity, single component, water-activated, multi-ratio hydrophilic gel/foam • Accelerator and reinforcing agent available • NSF/ANSI Standard 61 certified - approved for potable water contact 	<ul style="list-style-type: none"> • Seal leaks in below-grade structures • Stabilize soil 	<ul style="list-style-type: none"> • Non-flammable, no V.O.C's • Versatility: foam or gel • High elongation to allow low thermal movement • Economical: mixes with up to 15 parts water • Resistant to chemicals • Adding reinforcing agents enhances strength 	<ul style="list-style-type: none"> • "Single Shot" Cartridge • "Quick Mix" Cartridge • 5 Gallon Unit
Prime Flex EXP	<ul style="list-style-type: none"> • Highly expansive • Rapid foaming • Closed cell, watertight, flexible foam 	<ul style="list-style-type: none"> • Cutting off gushing water leaks in below grade structures. 	<ul style="list-style-type: none"> • Immediate reaction. Finished expanding in around 60 seconds. • One cartridge makes 5 gallons of foam. • Watertight 	<ul style="list-style-type: none"> • 4:1 "Quick Mix" Cartridge
Prime Flex 910	<ul style="list-style-type: none"> • Extra low viscosity • Variable set-time, high strength • Rigid foam, hydrophobic • Requires Prime Kat 	<ul style="list-style-type: none"> • Soil stabilization • Curtain wall grouting • Seal sea walls 	<ul style="list-style-type: none"> • Cure time controlled by catalyst ratio • Forms water-tight curtain • Strengthens loose soil 	<ul style="list-style-type: none"> • 5 Gallon Unit • 50 Gallon Unit • 300 Gallon Unit
Prime Flex 920	<ul style="list-style-type: none"> • Low viscosity • Variable set-time • Rigid foam, hydrophobic • Requires Prime Kat 	<ul style="list-style-type: none"> • Water shut-off • Soil stabilization • Fill voids 	<ul style="list-style-type: none"> • Cure time controlled by catalyst ratio • Up to 2,900% expansion • Forms water-tight curtain • Strengthens loose soil 	<ul style="list-style-type: none"> • 10:1 "Quick Mix" Cartridge • 5 Gallon Unit • 50 Gallon Unit • 300 Gallon Unit
Prime Flex 940	<ul style="list-style-type: none"> • Flexible foam • Variable set time 	<ul style="list-style-type: none"> • Cutting off gushing leaks 	<ul style="list-style-type: none"> • Highly expansive • Rapid set time 	<ul style="list-style-type: none"> • 5 Gallon Unit
Prime Flex 985	<ul style="list-style-type: none"> • Low viscosity, two-component, hydrophobic, structural expanding foam 	<ul style="list-style-type: none"> • Fill voids, in/around and under structures • Fill abandoned underground storage tanks and pipelines 	<ul style="list-style-type: none"> • Quick set-time • Ideal for wet conditions • Bonds with sub-soils 	<ul style="list-style-type: none"> • 10 Gallon Unit • 100 Gallon Unit • 600 Gallon Unit
Prime Plug 1 Prime Plug 2 Prime Plug 3	Set time: 1 - 2 minutes Set time: 3 - 4 minutes Set time: 5 - 6 minutes	<ul style="list-style-type: none"> • Stop water flow in concrete or brick masonry 	<ul style="list-style-type: none"> • Ideal for sealing cracks or joints prior to Prime Flex injection 	<ul style="list-style-type: none"> • 50 lb. Pail • 36 Pails per Pallet



APPLICATION - Structural Crack Repair / Anchoring

Prime Rez Epoxy Injection Resins

Prime Gel Epoxy Adhesives

	Product Description	Applications	Advantages	Packaging	
Prime Rez Epoxy Injection Resins	Prime Rez 1000 High Mod	<ul style="list-style-type: none"> • Low viscosity • 13,300 p.s.i. compressive strength 	<ul style="list-style-type: none"> • Inject cracks in load bearing structures • Gravity feed cracks in concrete 	<ul style="list-style-type: none"> • Excellent bond strengths • Moisture insensitive • Good chemical resistance • USDA approved 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 1.5 Gallon Unit • 3 Gallon Unit • 15 Gallon Unit
	Prime Rez 1100 High Mod LV	<ul style="list-style-type: none"> • Extra low viscosity • 8,500 p.s.i. compressive strength 	<ul style="list-style-type: none"> • Inject tight cracks in concrete • Gravity feed cracks in concrete 	<ul style="list-style-type: none"> • Moisture insensitive (may be injected underwater) • Excellent bond strengths • Good chemical resistance • USDA approved 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 1.5 Gallon Unit • 3 Gallon Unit • 15 Gallon Unit
	Prime Rez 1200 Low Mod LV	<ul style="list-style-type: none"> • Super low viscosity • 6,100 p.s.i. compressive strength • Semi-rigid 	<ul style="list-style-type: none"> • Inject hairline cracks in concrete subject to movement or vibration • Gravity feed cracks in concrete 	<ul style="list-style-type: none"> • Excellent flexibility • Good bond strengths • Good chemical resistance • USDA approved 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 1.5 Gallon Unit • 3 Gallon Unit • 15 Gallon Unit
	Prime Rez 1600 Injection Gel	<ul style="list-style-type: none"> • 8,100 p.s.i. compressive strength • Thixotropic gel 	<ul style="list-style-type: none"> • Inject wide cracks and anchoring dowel bars in concrete 	<ul style="list-style-type: none"> • Flowable consistency • Moisture insensitive • Excellent bond strengths 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 2 Gallon Unit • 10 Gallon Unit
	Prime Rez 1900	<ul style="list-style-type: none"> • Super low viscosity • Long open time • High strength 	<ul style="list-style-type: none"> • Inject cracks in load bearing structures • Gravity feed cracks in concrete 	<ul style="list-style-type: none"> • Long open time allows for injecting with single component pump 	<ul style="list-style-type: none"> • 1.5 Gallon Unit
Prime Gel Epoxy Adhesives	Prime Gel 2000 High Mod	<ul style="list-style-type: none"> • Smooth consistency • High strength • Non-sag gel 	<ul style="list-style-type: none"> • Surface seal cracks • Anchor steel in concrete • General bonding 	<ul style="list-style-type: none"> • Moisture insensitive • Excellent bond strengths • Good chemical resistance • USDA approved 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 3 Gallon Unit • 15 Gallon Unit
	Prime Gel 2100 Low Mod	<ul style="list-style-type: none"> • Smooth consistency • High strength • Non-sag gel, pick-resistant 	<ul style="list-style-type: none"> • Surface seal cracks prior to injection • Security sealant 	<ul style="list-style-type: none"> • Low Modulus for patching • Moisture insensitive • Excellent bond strengths • Good chemical resistance • USDA approved 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 2 Gallon Unit • 10 Gallon Unit
	Prime Gel 2200 Flexible	<ul style="list-style-type: none"> • Smooth consistency • Very flexible • Non-sag gel 	<ul style="list-style-type: none"> • Surface seal moving cracks • Fill vertical saw cuts joints 	<ul style="list-style-type: none"> • Moisture insensitive • Good chemical resistance 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 2 Gallon Unit • 10 Gallon Unit
	Prime Gel 2500 Quick Bond	<ul style="list-style-type: none"> • High strength • Extremely fast setting • Non-sag gel 	<ul style="list-style-type: none"> • Surface seal cracks prior to injection • Anchoring steel into concrete 	<ul style="list-style-type: none"> • Cures at sub zero temperatures • Moisture insensitive • Good chemical resistance 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge
	Speed Bond #1	<ul style="list-style-type: none"> • High strength • Moisture insensitive 	<ul style="list-style-type: none"> • Anchor steel into concrete 	<ul style="list-style-type: none"> • Flowable gel • Excellent bond strength 	<ul style="list-style-type: none"> • “Quick Mix” Cartridge • 10 Gallon Unit

APPLICATION - Floor Repair / Floor Coatings / Joint Repair

Prime Bond Epoxy Binding Agents / Binders

Prime Coat Epoxy Coatings

Joint Shield Epoxies / Polyureas

	Product Description	Applications	Advantages	Packaging	
Prime Bond Epoxy Binding Agents / Binders	Prime Bond 3000 High Mod	<ul style="list-style-type: none"> High modulus Medium viscosity General purpose high strength adhesive Color: Gray 	<ul style="list-style-type: none"> Bond old concrete to new concrete and anchor steel into horizontal concrete Binder for high strength patching mortar and machinery base plates 	<ul style="list-style-type: none"> Moisture insensitive Excellent bond strengths and good chemical resistance Easy 1:1 mix ratio USDA approved 	<ul style="list-style-type: none"> 1 Gallon Unit 2 Gallon Unit 10 Gallon Unit
	Prime Bond 3100 Med. Mod	<ul style="list-style-type: none"> Medium mod. adhesive General purpose Good flexibility Good strengths Color: Straw 	<ul style="list-style-type: none"> Binder for epoxy repair mortar Bond old concrete to new concrete 	<ul style="list-style-type: none"> Medium viscosity Moisture insensitive Good chemical resistance USDA approved 	<ul style="list-style-type: none"> 3 Gallon Unit
	Prime Bond 3900 High Mod LPL	<ul style="list-style-type: none"> High strength Long open time Long pot life Low viscosity Color: Straw 	<ul style="list-style-type: none"> Bond old concrete to new concrete in hot environments Binder for epoxy mortar 	<ul style="list-style-type: none"> Good chemical resistance Moisture insensitive Long working time 	<ul style="list-style-type: none"> 3 Gallon Unit
	Floor Fix	<ul style="list-style-type: none"> Super low viscosity Two-component urethane resin Traffic ready in 10 mins 	<ul style="list-style-type: none"> Crack and spall repair for warehouse and industrial floors Binder for repair mortar 	<ul style="list-style-type: none"> Flowable consistency Excellent bond strengths Fast set time 	<ul style="list-style-type: none"> 4 Gallon Unit 10 Gallon Unit
	Prime Coat 4000	<ul style="list-style-type: none"> Easy 1:1 ratio Good chemical resistance 	<ul style="list-style-type: none"> General purpose protection of concrete 	<ul style="list-style-type: none"> Easy to apply Good working time 	<ul style="list-style-type: none"> 2 Gallon Unit
Prime Coat Epoxy Coatings	Prime Coat 4300 Novolac	<ul style="list-style-type: none"> Extremely high chemical resistance Moisture Intensive Color: Gray or Red 	<ul style="list-style-type: none"> Primary or secondary containment of solvents and other harsh chemicals 	<ul style="list-style-type: none"> Resistant to most solvents, 98% sulfuric acid / 70% nitric acid 	<ul style="list-style-type: none"> 1.5 Gallon Unit
	Prime Coat 4500 Ultra Clear	<ul style="list-style-type: none"> Low viscosity UV stable Super hard protection Color: Clear 	<ul style="list-style-type: none"> Protection of concrete floors and walls. Most building materials. Bonding agent for adhering different aggregate materials to concrete. 	<ul style="list-style-type: none"> Brilliant Shine Excellent Flexibility 100% Solids -40 to 200° F service temperature 	<ul style="list-style-type: none"> 2 Gallon Unit 10 Gallon Unit
	Prime Coat CTL	<ul style="list-style-type: none"> Black coal tar epoxy coating for concrete or steel 	<ul style="list-style-type: none"> Protection of man-holes, tanks, and lift stations 	<ul style="list-style-type: none"> Excellent adhesion Easy to apply 	<ul style="list-style-type: none"> 5 Gallon Kits
Joint Shield Epoxies / Polyureas	Joint Shield 5000 Epoxy 80A	<ul style="list-style-type: none"> Semi-rigid, impact resistant 	<ul style="list-style-type: none"> Fill control joints or construction joints in interior concrete floors Rout and fill random cracks 	<ul style="list-style-type: none"> USDA approved Prevents side wall spalling 	<ul style="list-style-type: none"> 2 Gallon Unit 10 Gallon Unit
	Joint Shield 5100 Caulk Grade	<ul style="list-style-type: none"> Caulk grade Semi-rigid epoxy joint filler 	<ul style="list-style-type: none"> For vertical, overhead, or sloped applications Protecting concrete joint edges and preventing sidewall spalling and chipping Filling random cracks in industrial concrete floors and walls 	<ul style="list-style-type: none"> Paste consistency - will not run out of vertical joints Easy 1:1 mix ratio 	<ul style="list-style-type: none"> "Quick Mix" Cartridge
	Joint Shield 5500 Polyurea 95A	<ul style="list-style-type: none"> Hybrid polyurea joint filler Cures at below freezing temperatures 	<ul style="list-style-type: none"> Floors subject to heavy forklift traffic Suitable for cold storage warehouses Rout and fill random cracks 	<ul style="list-style-type: none"> Traffic ready in 1 hour Good chemical resistance 1:1 mix ratio 	<ul style="list-style-type: none"> 10 Gallon Unit
	Joint Shield 5700 Polyurea 75A	<ul style="list-style-type: none"> Hybrid polyurea joint filler Cures at below freezing temperatures 	<ul style="list-style-type: none"> General purpose joint filler for warehouse and industrial floors, ideal for freezer floor joints Rout and fill random cracks 	<ul style="list-style-type: none"> Traffic ready in 1 hour Good chemical resistance 1:1 mix ratio 	<ul style="list-style-type: none"> 10 Gallon Unit

APPLICATION - Surface Protection & Lining

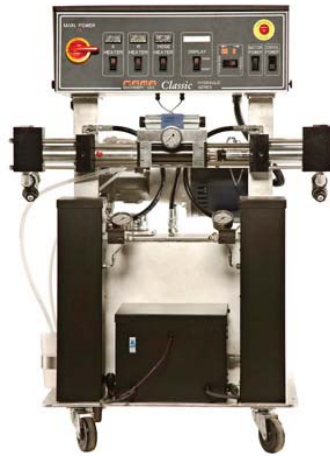
Prime Guard Polyurea Coatings

	Product Description	Applications	Advantages	Packaging
Prime Guard 7000 Aromatic	<ul style="list-style-type: none"> • High strength, aromatic polyurea coating. • Offers ultimate durability, chemical and abrasion resistance and protection. 	<ul style="list-style-type: none"> • Protection of concrete, masonry, corrugated metal pipe, steel surfaces, wood, stone, etc.. • Lining tanks, man-holes, pipes, material hoppers, chutes, rail cars, etc... 	<ul style="list-style-type: none"> • High elongation and tensile strength • Rapid cure • Excellent adhesion • 20 to 400°F service temperature • High chemical and abrasion resistance 	<ul style="list-style-type: none"> • 100 Gallon Unit
Prime Guard 7100 Potable Water	<ul style="list-style-type: none"> • 100% solids, two component polymer lining system. • Rapidly builds thickness in fewer passes. • Certified to meet NSF/ANSI 61 specifications for contact with potable water. 	<ul style="list-style-type: none"> • Protection of concrete, masonry, corrugated metal pipe and steel surfaces. • Lining tanks and pipes, 	<ul style="list-style-type: none"> • High elongation and tensile strength • Rapid cure • Excellent adhesion • 20 to 250°F ambient temperature stability range • High chemical and abrasion resistance 	<ul style="list-style-type: none"> • 100 Gallon Unit • 500 Gallon Unit
Prime Guard 7200 U.V. 100	<ul style="list-style-type: none"> • 100% solids, two component spray polyurea. • High UV resistance. 	<ul style="list-style-type: none"> • Protection of concrete, masonry, and steel surfaces. • Lining tanks, pipes, material hoppers, chutes, primary and secondary containment areas. 	<ul style="list-style-type: none"> • High elongation and tensile strength • Rapid cure • Excellent adhesion • 20 to 250°F ambient temperature stability range • High chemical and abrasion resistance 	<ul style="list-style-type: none"> • 100 Gallon Unit • 500 Gallon Unit
Prime Guard 7300 U.V. 10	<ul style="list-style-type: none"> • Hard, aliphatic, plural component polymer lining system. • Designed for applications where strength and UV resistance are mandatory. 	<ul style="list-style-type: none"> • Protection of concrete, masonry, and steel surfaces, • Lining tanks, primary and secondary containment areas. 	<ul style="list-style-type: none"> • Color Stable in ultra violet light • Rapid cure • Excellent adhesion • -40 to 250°F ambient temperature stability range • High chemical and abrasion resistance 	<ul style="list-style-type: none"> • 100 Gallon Unit • 500 Gallon Unit
Prime Guard 7400 FDA	<ul style="list-style-type: none"> • Two component, 100% solids, polymer lining system . • Designed to provide seamless surface protection of concrete and metal. 	<ul style="list-style-type: none"> • Protection of concrete, masonry, and metal surfaces. • Lining tanks, pipes, material hoppers, chutes, and any surface that comes in contact with food. 	<ul style="list-style-type: none"> • Suitable for contact with food • Excellent adhesion • -40 to 250°F ambient temperature stability range • High chemical and abrasion resistance 	<ul style="list-style-type: none"> • 100 Gallon Unit • 500 Gallon Unit
Prime Guard 7500 Chimney Seal	<ul style="list-style-type: none"> • High strength, cold spray applied aromatic polyurea coating. • Offers ultimate durability, chemical and abrasion resistance and protection. 	<ul style="list-style-type: none"> • Protection of concrete, masonry, corrugated metal pipe, steel surfaces, wood, stone, etc.. • Manhole chimney seal 	<ul style="list-style-type: none"> • High elongation and tensile strength • Rapid cure • Excellent adhesion • Excellent resistance to shock and vibration • High chemical and abrasion resistance 	<ul style="list-style-type: none"> • "Quick Spray" Cartridge • 10 Gallon Unit

Resin Pumps

PMC GH SERIES HYDRAULIC PROPORTIONERS

Ideally suited for slab jacking using our Precision Lift™ system or polyurea lining projects using our Prime Guard™ series. Applications include raising sunken concrete slabs, filling voids and stabilizing soil (compaction grouting). These machines can also be used for spray foam insulation applications.



The PCS GH series features an easy to service pump base and machine functions controlled by proven relay logic technology (which allows for easy in the field troubleshooting and low cost repairs due to lack of printed circuit control boards). Other features include high efficiency mass style heaters, improved heated hose assemblies, and an innovative TSU designed for clean, inexpensive on the job replacement.

MODEL	GH-25-2000	GH-25-3000	GH-40-2000	GH-40-3500
Output	25 lbs/min	1.3 Gallons	40 lbs/min	2.5 Gallons
Maximum Working Press	2000 psi	3000 psi	2000 psi	3500 psi
Maximum Hose Length	310 ft	310 ft	410 ft	410 ft
Power Requirements*	43 amps @3x230v	43 amps @3x230v	93 amps @3x230v	93 amps @3x230v

* Power requirements may vary depending on pump accessory options.

THE TITAN IMPACT 540 AIRLESS PUMP - MODIFIED

These small, lightweight, *industrial strength* electric pumps can deliver any of the Prime Flex products as a single component material. Use in any combination with our 1/2" or 5/8" packers, Bang-In ports or grout needle. Delivering 1.2 HP, the Titan Impact 540 is a versatile and economical choice for chemical grout injection. Several models available. Includes an Item # 685-H 4500 PSI High Pressure Valve and 50 feet of hose. Item # P-Impact 540.



Power Requirement:	Electric
Output Pressure:	0-3200 PSI
Max Delivery:	.6 GPM
Discharge Hoses:	50' x 1/4"

THE M²

The M² is a powerful and versatile multi-ratio, air operated unit with a max output pressure of 600 PSI. It was designed for every day use with the municipal grout crew in mind. The M² consists of two Graco™ Monark air motors and pumps that operate independently of each other mounted on a portable wheeled cart.

The M² is ideally suited for pumping Hydro Gel SX at multiple ratios or Prime Flex 900 XLV at a 1:1 ratio with water. It can also be used to pump any of the Prime Flex products as a single component material. The operator manually controls the mix ratio. Item # P-M2.



Power Requirement:	Air, 100 PSI working pressure, 42 CFM MAX
Output Pressure:	600 PSI MAX
Output Ratio:	Variable
Discharge Hoses:	2 - 25' x 3/8"

The PRIMESTAR MANUAL PUMP

The Prime Star manual pump is designed for pumping low-viscosity, single component resins, such as Prime Flex 900 XLV, Prime Flex 910 or 920. It can also be used to pump Hydro Gel SX as a single component material. Item # P-850.



Power Requirement:	Manually powered
Output Pressure:	2,500 PSI MAX
Output Ratio:	Single Component
Discharge Hoses:	15' x 1/4"

Injection Accessories

PUMP ACCESSORIES

HIGH PRESSURE FLOW CONTROL VALVE

This is the only accessory required to turn an airless sprayer into an injection pump. It allows the operator control of resin flow at the point of injection. High pressure valve. Item #685-H



BRASS "F" VALVE ASSEMBLY

This low cost valve assembly was designed to "twin stream" Prime Flex polyurethanes with water. The mix ratio is controlled by the operator using the two on/off valves that come with the assembly. This is especially useful for injecting Hydro Gel into leaking manholes. Low pressure valve. 600psi and under. Use with grout needle kit or wall stinger nozzle. Item #F-VALVE

WALL STINGER NOZZLE

This attachment screws directly on to the "F" Valve assembly. It allows injection of chemical grout directly through a concrete structure without the need for an injection port. This is ideal for grouting behind a manhole or a below-grade wall. Not recommended for high-pressure crack injection. Item #WS-NOZ

PRIME FLEX ECO FLUSH

This non-flammable solvent is great for cleaning equipment and flushing out pump cylinders, lines, and hoses after Prime Flex injection. Item #99-5P



CARTRIDGE / PORT CONNECTORS

EZ COUPLERS(Reducer, Union, EZ Tube, Zerk Adaptor)

Connects the 1/4" static mixer from our "Quick Mix" cartridges directly to our injection ports (or tubing for hard to reach places). The connection reduces resin drip and allows the operator to concentrate on the injection process rather than on trying to keep the static mixer in the port. Reducer - Item #QMR-5, Union - Item #QMU-5, EZ Tube - Item #QMT-14, Zerk Adaptor - Item #QMC-Z



QUICK MIX REDUCER BALL VALVE

Connects the 1/4" static mixer from our "Quick Mix" cartridges directly to our low pressure injection ports. The ball valve can be closed to reduce waste and mess when moving from port to port. Item #QMR-BV

HIGH PRESSURE COUPLER

These couplers are perfectly matched to provide the tightest seal when used with our Mechanical Packers or Bang-In Ports. Item #680

INJECTION ACCESSORIES

FLUSH WAND

If you are doing high-pressure injection, this inexpensive tool is a must. Use it to reach the back of your drilled holes and flush out concrete dust so that it doesn't contaminate the crack during injection. Item #670

STAINLESS STEEL GROUT NEEDLE

The stainless steel grout needle is available in lengths of 12", 24", 36" and 48". Use it to penetrate rubber boots for leak sealing at the manhole-pipe connection. It is also good for injecting Prime-Flex polyurethane behind an activated oakum seal. We also offer a model that attaches directly to the mix nozzle of our Quick-Mix and Single Shot cartridges. Longer sizes available upon request. Needle - Item #674, "Quick Mix" Kit - Item #675

OAKUM

Oil-free oakum jute rope is a must for stopping leaks in manholes. It can also be used in combination with Prime-Flex 900 XLV & Hydro Gel SX for the Activated Oakum method of sealing joints and pipe penetrations. Prime Resins' oakum comes in a 50 lbs. and a 10 lbs. box. The oakum strands may be separated to produce up to 1000 feet of smaller strands. Item #690 - specify 10 lb. box or 50 lb. box.

SOIL INJECTION ACCESSORIES

3/8" & 3/4" SOIL PROBES

These strong, durable soil probes reconstructed of high-strength stainless steel. Just screw them onto either 3/8" or 3/4" pipe and drive them into the soil with a pneumatic driver. The resin flows through the pipe and out of the holes drilled in the diffuser section of the probe. Item #SP38, SP34

3/4" EXPENDABLE DRIVE POINT

Our drive point is used in conjunction with 3/4" pipes. The drive point provides a pointed end to help the pipe penetrate the ground and to keep soil and debris out of the pipe. Once the pipe is in place, it can be raised a few inches to drop the expendable drive point and allow the chemical grout to flow freely. Item #DP-34



SOIL PIPE JACK

As you inject chemical grout through pipes, you may need assistance in raising a pipe out of the ground. Our pipe jack is designed to achieve maximum lifting power. Item #PIPE-JACK

HIGH PRESSURE PORTS (250-3000 PSI)

3/8" BANG-IN PORTS

These low cost ports started a revolution in high pressure injection. Bang-in Ports are easier to install, cost less, and for many applications, are just as effective as more expensive packers. Holds pressure up to 3000 psi. Not for use in weak, deteriorated concrete. Item #640

Injection Accessories

1/2" & 5/8" MECHANICAL PACKERS

The original high-pressure injection ports are great for both epoxy and polyurethane injection. Capable of holding pressures up to 3000 psi, they hold even in weak, deteriorated concrete. Item #500, #625

10 MM ONE TOUCH PACKER

Cost-effective alternative to traditional mechanical packers. Used for polyurethane and epoxy injection. Reduces labor costs by eliminating steps required to install. Requires 10 mm drill bit, coupler and drive tool. Holds over 3500 psi. Item #OTP-10MM

LOW PRESSURE PORTS (0-200 PSI)

SOCKET OR SURFACE MOUNT PORTS

Inexpensive and easy to use, these ports are great for epoxy and polyurethane injection. Use with Quick-Mix cartridges, Double Shot, Single Shot Cartridges or low-pressure pumps.

CARTRIDGES

"QUICK MIX" - Two Component Materials

Since 1987 we have been packaging cartridges of epoxies in our signature "Quick Mix" cartridge system. These dual side by side cartridges were designed for dispensing two component resins. We offer our epoxy, polyurea, and polyurethane resins in this easy to use portable system. A variety of ratios and sizes are available to best suit your project. Packed either 6 or 10 per case with one static mixer and retainer nut per cartridge set. See product technical data sheets for availability and size based on particular product. 1:1 (300 ml x 300 ml, 600 ml x 600 ml, 750 ml x 750ml), 2:1 (300ml x 150 ml, 600 ml x 300 ml), 4:1 (300ml x 75 ml), 10:1 (750 ml x 75 ml) ratios available – Static mixing nozzles available 1/4" X 32, 1/4" X 48, 1/2" X 24, 1/2" X 36



"SINGLE SHOT" - One Component Materials

Easy to use single tube cartridge designed to fit any standard 1/10th gallon cartridge gun. Available with Prime Flex 900 XLV or Hydro Gel SX water activated polyurethane resin for minor active leaks. Packaged 20 tubes per case with screw in 3-1/2" tapered nozzles. Prime Flex 900 XLV and Hydro Gel SX 12.8 (1/10th gallon) cartridges

"DOUBLE SHOT" - Two Component Materials

Single barrel dual cartridge (tube in a tube) 1:1 or 2:1 ratio. Designed to work with any standard 1/10th gallon single barrel caulk gun.

"QUICK SPRAY" - Two Component Materials

Our "Quick Spray" system allows you to spray polyurea linings quickly and easily using a standard "Quick Mix" airgun.

GUNS

THE BEAST - "QUICK MIX" AIR GUN - 4" CYLINDER

Works with any product packed in 750ml x 750ml (1:1 50.72 oz), 750ml x 75ml (10:1 27.5oz), 600ml x 600ml (1:1 40.56oz), 600 ml x 300ml (2:1 15.21 oz), 300ml x 300ml (1:1 20.28 oz)

- Nominal Thrust 1100 lbs @ 100 psi / 4" cylinder
- Converts in Seconds with Snap In/Snap Out Push Disks



Works with Prime Rez 1000, 1100, 1200, Prime Gel 2000, 2100, 2200, 2500, Speed Bond #1, Prime Flex 900 XLV, Prime Flex 920, Hydro Gel SX. Item # FG-701

1:1/2:1/4:1 - "QUICK MIX" AIR GUN - 2.5" CYLINDER

- Nominal Thrust 490 lbs @ 100 psi / 2.5" Cylinder
- Converts in Seconds with Snap In/Snap Out Push Disks

Works with Prime Rez 1000, 1100, 1200, Prime Gel 2000, 2100, 2200, 2500, Speed Bond #1, Prime Flex 900 XLV, Prime Flex EXP, Hydro Gel SX. Item # FG-700

1:1/2:1/4:1 - "QUICK MIX" MANUAL GUN

- Converts in Seconds with Snap In/Snap Out Push Disks

Works with any product packed in 300ml x 300ml (1:1 – 20.28 oz), 300 ml x 150 (2:1 15.21 oz), and 300ml x 75ml (4:1 12.67 oz).

Works with Prime Rez 1000, 1100, 1200, 1600 Prime Gel 2000, 2100, 2200, 2500 Quick Bond, Speed Bond #1, Prime Flex 900 XLV, EXP, Hydro Gel SX. Item # FG-725

10:1 - "QUICK MIX" MANUAL GUN

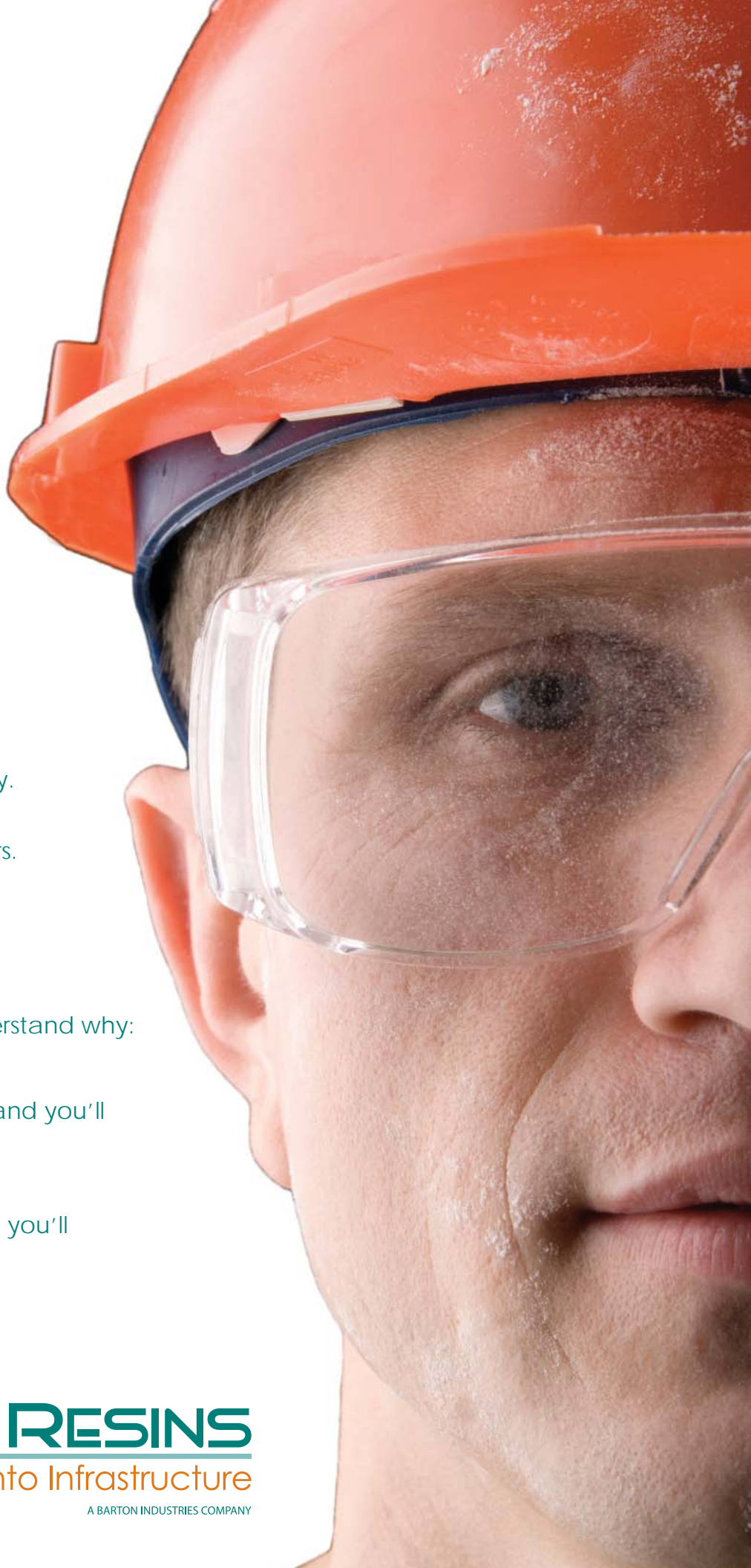
Works with any product packed in 750ml x 75ml (10:1 27.5oz).

Works with Prime Flex 920. Item # FG-730

AIR COMPRESSORS AND TANKS

"Quick Mix" air guns require 80 - 100 psi inbound air pressure that can be supplied from an air compressor, air tank, or CO2 tank - making the system truly portable.





What's your story?

There are two sides to every story.
You're now familiar with ours.
We genuinely care to know yours.

Together, we're better.

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Call our customer service team and you'll
understand how:
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Tour our corporate campus and you'll
understand where:
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Conyers, GA 30012



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