

TYPICAL PHYSICAL PROPERTIES AT 73.F (23.C)

Appearance	Amber Liquid
Viscosity	450-550 cps
Weight	9.0 lbs. per gallon
Solids Content	100%
Induction Time	3 to 4 minutes
Cure Time	6 to 7 minutes

CURED FOAM TEST RESULTS*

Bond Strength	(ASTM 882)	60 p.s.i.
Tensile Strength	(ASTM D-3574) (ASTM D-1623, free rise)	310 p.s.i. 54 p.s.i.
Elongation	(ASTM D3574) (ASTM D-1623, free rise)	280% 64%
Shrinkage	(ASTM D-1042/D-756)	less than 2%
Intitial Linear Shrinkage		5%
Tear Resistance	(ASTM D-3574)	20 lbs / in
Density	(ASTM D-3574)	494 kg / m ³ 30.8 lbs / ft ³

*Cured properties will vary depending on job conditions. Cured properties above (ASTM D-3574) derived from 10-15 pcf foam; free rise properties derived from 3-5 pcf foam.

GENERAL GUIDELINES FOR PRIME-FLEX INJECTIONS

(ALWAYS USE PROPER SAFETY EQUIPMENT)

1. Drill injection port holes at a 45. angle to intersect the crack at approximately 1/2 the depth of the structure. These holes should be anywhere from 6" to 24" apart depending on the width of the crack. Typically, the wider the crack, the further apart the ports may be spaced. The first few test holes should be injected with water to determine the distance that the material will flow (thus determining the port spacing).
2. Clean the holes out by injecting water through a wand that will reach the back of the hole. Inject until clean water is flowing out of the hole.
3. Insert Prime Resins Injection Port flush into the port holes. Leave the tops off the ports.
4. Put the tip on the first port (always inject in sequence starting with the lowest) and inject clean water into the port at 250 p.s.i. minimum. Air and water will begin to flow out of the crack and out of the other ports. Complete this step for every port.
5. If the crack needs to be sealed to contain the Prime-Flex, several materials and methods may be used. See "Prime-Flex Application Techniques" for more complete details.
6. Remove the tips from all of the ports except the first one to be injected. Be sure to use a different pump than the one used to pump the water. If this is not possible, thoroughly flush the pump with Prime Flush solvent.
7. Starting with the first port, pump the Prime-Flex at a pressure of 250 p.s.i. minimum. Increase the pressure at 100 p.s.i. increments as needed to gain full penetration of the crack. Always use the lowest pressure possible to inject the crack, but do not be afraid to increase the pressure as needed. See "Prime-Flex Application Techniques" for more information on pumping pressures. ***NEVER EXCEED MAXIMUM SAFE OPERATING PRESSURES!***
8. Once the material has fully penetrated the crack or begins to flow out of the next port, put the tip on the next port and begin pumping. Repeat this process until the entire crack has been pumped.
9. Flush out your pump with Prime flush at the end of the day. Material left in the pump may cure overnight and ruin the pump.

These guidelines are intended for informational use only. Do not attempt to inject Prime-Flex materials without reading "Prime-Flex Application Techniques". If you have any questions, contact Prime Resins technical service department of our Conyers (Atlanta), Georgia office.

CAUTION:

Vapor overexposure may cause respiratory irritation, central nervous system depression, and allergic reaction. Provide sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Avoid contact with skin, eyes and clothing. Wear protective rubber gloves and safety goggles when handling or dispensing materials. Wash contaminated clothing before reuse. See MSDS for further information.

FIRST AID:

SKIN CONTACT - Wipe off contaminated area and wash with soap and water.

EYE CONTACT - Immediately flush eyes with large amounts of water for 10 minutes.

Get medical attention.

INHALATION - Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention.

INGESTION - Seek immediate medical attention.

CLEAN-UP:

Use Prime Flush cleaner to clean equipment. Use soap and water to remove from skin.

STORAGE:

Materials must be stored in dry conditions below 80.F (26.C). Optimal storage conditions are between 40. and 80. (4. and 26.C). Under proper conditions, the shelf life is twelve (12) months in unopened, damage-free containers.

PROTECT FROM MOISTURE. DO NOT ALLOW PRODUCT TO FREEZE.

All Prime-Flex materials are manufactured solely by Prime Resins at our Conyers, Georgia plant. Prime Resins has complete control over the quality and availability of the products. If you have any questions or comments about the Prime-Flex products or application techniques you may contact Prime Resins directly at 800-321-7212 Monday through Friday 8:00 A.M. - 5:00 P.M. E.S.T.

**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN**

**PROTECT FROM MOISTURE
OBSERVE PRODUCT CAUTIONS**

WARRANTY:

Prime Resins warrants its products to be free from manufacturing defects and that they will 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 material. There are no warranties on any product that has exceeded the "shelflife" or "expiration date" printed on the package label.

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