

1. Product Information

Description

MultiPrime is a two-component isocyanate and resin-blend primer that can be used on a variety of porous substrates. To reduce viscosity, MultiPrime may be diluted with dry acetone. The primer has a working time of 45 minutes. Ponding on the surfaces shall be avoided.

2. Product Use

Uses

MultiPrime may be used with all Genesis Poly rapid curing polyurea sealants and spray coating systems. This product is designed for use in both interior and exterior priming situations.

Features

- No VOC's
- 100% solids
- Low viscosity, Odorless
- Penetrating primer / sealer
- Reduces pinholes in porous substrates
- Increases adhesion of coating to concrete
- Reduces MVE in concrete
- Can be applied to green concrete
- Applied by spray, squeegee, roller, or brush
- Formulated as a System with Genesis Poly products

Ideal Applications

- Porous substrates, concrete and urethane foam
- Primer/Sealer

Coverage Rates

Mils	10	15	50	60	80
Sq. Ft.	160	107	32	27	20

The above are theoretical coverage rates and can vary on the substrate condition and texture.

Mixing

Must be installed using a 1:1 ratio. MultiPrime may be mixed as a 1:1:1 blend with acetone to reduce viscosity and extended working time. Carefully proportion amounts and mix for one full minute—use a wooden stir stick or low-speed drill, scraping the bottom and sides of the mixing vessel. Incomplete homogenization will result in improper cure. *Do not over mix.* Due to the speed of the reaction, mix small manageable quantities and pour out of the mixing pail immediately to obtain full working time. Contact Genesis Poly for more support.

3. Physical Properties

Mix Ratio by Volume	1:1
Gel Time (mins)	45 - 60
Tack-Free Time (Hours)	1 - 3
VOC Content	0
Solids Content, %	100
Recoat Window, hours	up to 72
Adhesion to concrete, ASTM D 7234, <i>psi</i>	>300

The values stated in this technical data sheet are produced under controlled laboratory conditions.

Application of MultiPrime to concrete has been shown to reduce the MVE to an acceptable level of < 3 lbs/1000 ft² per 24 hours, ASTM F 1869 (Calcium Chloride test).

4. Preparation and Installation

Coating performance and adhesion are directly related to surface preparation. Many surface-coating failures can be attributed to improper surface preparation. Coatings are partially dependent on the integrity and structure strength of the substrate. A properly prepared substrate should be cured at least 30 days and should be clean. Be sure the surface is free of contaminants, including but not limited to dust, dirt, oil, grease, rust, and corrosion. Random cracks, construction joints, and damaged control joints should be properly repaired prior to application. Vacuum or air blast out the remaining concrete dust prior to installing MultiPrime. All horizontal or vertical concrete or masonry surfaces should be abrasive blasted. For further details, please review the material processing and handling information.

5. Colors

Supplied clear, can be pigmented upon request, or with a fluorescent pigment for non-contact pinhole detection with UV type light.

6. Packaging

- **10 Gallon Kit:** 5 gallons of "A" side; 5 gallons of "B" side
- **2 Gallon Kit:** 1 gallon of "A" side; 1 gallon of "B" side

Products are packaged by weight, so final package volume is a close estimation.

7. Shelf Life

A properly stored product in original, unopened factory containers, kept at a temperature above freezing should have a shelf life of 12 months from the date of shipment.

8. Safety

For in-depth information on product safety and precautions, please review the product SDS sheets. Prior to using the product, ensure that you have the proper personal protection equipment (PPE) available. This includes but is not limited to the following items:

- Safety Glasses with a splash shield
- Minimum Organic Cartridge Respirator
- Rubber or Nitrile Gloves
- Disposable or Reusable Long Sleeve Overalls
- Rubber or leather boots

Always be sure to follow the precautions listed below when using the material:

- Do Not use near high heat or open flame
- Do Not take internally
- Keep out of reach of children

9. Maintenance

No Information Provided

10. Clean-Up / Disposal

Excess material can be mixed together at the proper ratio and disposed of without restriction once cured. Product containers may be disposed of according to local, state and federal laws.

11. Warranty

At its sole election, Genesis Poly LLC (the company) will refund the price of or replace product it finds to be defective provided the product has been used properly and installed by a certified Genesis Poly LLC applicator. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose; nor does it make any warranty, express or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, loss of use, indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

12. Technical Support

For technical support, please call 801-208-5511 Monday to Friday between the hours of 8am – 5pm MST. You may also send an email anytime to support@genesispoly.com.

13. Other Information

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