

HULK EPOXY MEMBRANE®

FAST-SETTING 100% SOLIDS EPOXY PRIMER



PRODUCT DESCRIPTION

Hulk Epoxy Membrane® is a high-performance, two-component, 100% solids, low-viscosity epoxy primer designed for use on dry, sound, dust-free concrete, ICF, and steel surfaces. Its deep penetration into concrete surfaces seals against out-gassing and provides exceptional adhesion for vertical and horizontal waterproofing systems. It is capable of withstanding negative side pressure in high water table situations or on interior concrete walls. When used as an ICF foundation waterproofing membrane in regions with high water tables or in flood plains, it is a component in a 3-part system consisting of Hulk Epoxy Membrane®, Hulk SRT, and a topcoat of Hulk Epoxy Membrane®.

CHARACTERISTICS / ADVANTAGES

- 100% solids, low odor, solvent-free formulation.
- Fast drying: Tack-free in 6-10 hours.
- Has negative side PSI resistance for combating hydrostatic pressure.
- Excellent adhesion to concrete, ICF and steel.
- Suitable for use with epoxy, polyurethane, and polyurea hybrid systems.
- Versatile application across numerous use cases.
- Capable of withstanding positive pressure in high water table environments.
- Safe for use on ICF surfaces.

USES

- Primer for epoxy coating systems, including Hulk Systems Epoxy and
- Use on concrete or steel substrates requiring excellent adhesion.
- Foundation waterproofing in conjunction with Hulk SRT and additional topcoat of Hulk Epoxy Membrane®.
- Interior & exterior concrete walls, slabs and high-water table situations.

PRODUCT INFORMATION

COMPONENT	PART A	PART B
Packaging	10-gallon pail	5-gallon pail
Appearance/Color	Clear liquid	Clear liquid
Mixed Properties	Viscosity: 600 cps	Pot life: 30 minutes
Mixed Weight	1.2 kg/L (9.4 lbs./US gal)	Protect from moisture
Coverage (Neat)	5 mil dry film thickness	
Prime Coat Coverage	8 m ² /L (300 ft ² /US gal)	
Shelf Life	12 months (sealed)	
Storage Conditions	Store dry at 40°-95°F (4°-35°C); protect from moisture and freezing	

TECHNICAL DATA

PROPERTY	TEST DESCRIPTION	RESULT
Application Temperature	N/A	>10°C (50°F)
Layer Thickness	N/A	5+ mils per coat
Recoat Time	N/A	6 hours
Cure Time	N/A	Tack-free: 6-10 hours
Ultimate Cure for Resistance	N/A	7 days
Adhesion to Concrete	ASTM D4138	>500 psi

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APPLICATION INSTRUCTIONS

Surface Preparation

- Ensure surfaces are clean, sound, and dust-free.
- new concrete: shot blast to remove laitance, curing compounds, or oils. ensure 3% or less moisture content.
- Old concrete remove contaminants using degreasers, alkaline wash, or shot blasting. repair cracks and defects prior to coating.
- Steel: sandblast to white metals to remove grease and contaminants.
- ICF or other foams : ensure substrate is clean, sound, and dust-free. spray foam and excess concrete is scraped, and any uv caused "yellow resin" is sanded off the foam.

Mixing And Application

- Pre-mix Part A to eliminate settlement. Add Part B to Part A and mix thoroughly for 2 minutes using a slow-speed drill with a "jiffy" mixer. Scrape the container sides for uniform mixing.
- For porous concrete, add 2% xylene or acetone to the initial coat for enhanced penetration.
- Spread mixed primer with a flat squeegee and back-roll using a lint-free 6 mm nap roller for an even coat.
- Apply subsequent coats within 6 hours for optimal adhesion.
- Avoid application below 10°C (50°F) or in exterior conditions.
- On vertical walls, use a resin or epoxy specific roller. Can be back-rolled using a lint-free 20 mm nap roller if needed.

Limitations

Do not use for fully submersed applications without additional coats or on substrates below recommended temperatures.

DISCLAIMER

Hulk Systems Inc. ensures the quality and performance of Hulk Epoxy Membrane® when used according to guidelines. While the product is designed to deliver consistent results, outcomes may vary based on specific site conditions and application methods.

Liability is limited to the replacement of the product or a refund of the purchase price in the rare case of a defect. Hulk Systems Inc. excludes coverage for labor costs, consequential damages, or improper application. For optimal results, users should adhere to all preparation and application instructions provided.

For more information, visit: www.hulkssystem.com