HULK ACRYLIC WATERPROOFING

HIGH-PERFORMANCE ACRYLIC WATERPROOFING MEMBRANE

HULK SYSTEMS

PRODUCT DESCRIPTION

Hulk Acrylic Waterproofing is a water-based, Class (A) fire-resistant elastomeric membrane designed for superior waterproofing applications. It offers exceptional flexibility, adhesion, and resistance to harsh environmental conditions. Its innovative formula ensures minimal waste and optimal performance in extreme climates, making it a reliable choice for both residential and commercial projects.

USES

Hulk Acrylic Waterproofing is suitable for a range of waterproofing applications, including:

- Waterproofing of concrete and ICF foam foundations
- Protective coatings for tank exteriors
- Below-grade insulation panels, SIP's, and wood sheathing
- Above-grade spray-on vapor barrier behind cladding

CHARACTERISTICS / ADVANTAGES

- **Fire-Resistant:** Class "A" fire rating (ASTM E84-01).
- **Superior Adhesion:** Bonds effectively to various substrates including concrete and foam (ASTM C-836).
- **Flexible Performance:** Maintains elasticity in extreme cold (-40°F/-40°C).
- **Environmental Resistance:** Withstands pests, UV rays, acid rain, and salt.
- **Eco-Friendly:** Low VOC and non-corrosive.

TECHNICAL DATA

PROPERTY	DETAILS
Type	Water-based pure acrylic copolymer
Color Options	Grey, Green, Black, White
Appearance	Matt finish when cured
Viscosity	15,000–20,000 PS @ 6 RPM
Solids	65% (by weight), 55% (by volume)
Specific Gravity	1.35–1.45 g/cm³
Application Temp	Recommended Minimum 32°F (0°C)
Dry Times	Tack Free: 10 min; Recoat: 2 hrs; Cured: 24 hrs
Coverage	27 sq. ft./gallon @ 40 mils DFT
Shelf Life	12 months (unopened)

KEY PERFORMANCE PROPERTIES

PROPERTY	TEST STANDARD	RESULT
Concrete/EPDM/Foam Adhesion	ASTM C-836	Exceeds cohesive strength
Magnesium Board Adhesion	ASTM D903	Pass
Material Compatibility	CSA18131	No softening/bleed through
Low-Temperature Flexibility	ASTM D522 (-40°F/-40°C)	No checking or cracking

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KEY PERFORMANCE PROPERTIES

PROPERTY	TEST STANDARD	RESULT
Water Vapor Permeance	ASTM E-96 (Wet Method)	<1 perm @ 40-mil DFT
Static & Dynamic Impact Puncture	CAN/CGSB 37-GP-56M	Pass
Pin-holing	CAN/CGSB 37.5-89M	No pinholes detected
Elongation at Break (Initial)	ASTM D2370	455%
Elongation After 1000 Hours (QUV)	ASTM D2370	285%
Fungi & Mold Growth	ASTM D-4300	No growth detected

APPLICATION INSTRUCTIONS

Surface Preparation

- Ensure surfaces are structurally sound and free from contaminants such as dirt, oil, and grease.
- Treat cracks and holes with Hulk Mastic® before application.

Mixing And Application

1. Stir product thoroughly to achieve uniform consistency.
2. Apply generously using airless spray, power roll, or conventional roll.
3. Monitor thickness with a film gauge to ensure proper wet film thickness.
4. For waterproofing concrete, ensure a minimum thickness of 70 mils WFT (40 DFT) is applied.
5. For damp-proofing concrete, ensure a minimum thickness of 35 mils WFT (20 DFT) is applied.

Textile Reinforcement

- For below-grade applications on ICF, it's recommended to incorporate Hulk SRT® textile.
- Apply a 35-mil wet coat, embed textile, and cover with an additional 35-mil wet coat.

Clean-Up

- Wash tools with warm water immediately after use.
- Use mineral spirits to clean spray equipment lines and prevent rust.

LIMITATIONS

- Do not apply in damp or rainy conditions.
- Avoid thinning the product, as it may compromise performance.
- Ensure storage above freezing temperatures to maintain product integrity.

PACKAGING

- 5 USG pails
- 55 USG drums
- 244 USG totes (fill weight: 1,236 kg or 2,725 lbs.)

DISCLAIMER

Hulk Systems Inc. guarantees the quality of Hulk WP® when used according to guidelines. The company's liability is limited to a refund or replacement of the product in case of defects. Labor costs and consequential damages are excluded from coverage. Always adhere to all preparation and application instructions for optimal results.