

GreenCoat WC

Acrylic Elastomeric Wall Coating



Overview

GreenCoat WC is a 100% acrylic, single-component, water-based, premium quality elastomeric wall coating for spray, brush, or roller application. This product is designed to provide protection for a wide range of building surfaces such as concrete, masonry, stucco, and exterior insulation and finish systems (EIFS). It is excellent for waterproofing and restoring existing vertical wall systems, and contains dirt pickup resistant technology.

Features and Benefits

- Superior weathering resistance
- Easy to apply with conventional or airless spray equipment, roller, or brush
- Water-based and easy to clean up
- Excellent resistance to mildew, weathering, and UV exposure
- Excellent solar reflectivity can contribute to energy savings

Coverage Rate

GreenCoat WC coating is 50% solids by volume so that a typical application rate of 1 gallon per 80 square feet should yield a dry film thickness of approximately 10 mils in one coat. Waste, wind loss, and other variables will affect the actual dry film thickness.

Installation

1. All surfaces to be coated must be clean, dry, and paintable. It may be necessary to power wash and/or prime to enhance adhesion. Apply only to surfaces that have adequate positive drainage.
2. Thinning or reducing is not recommended. Mix well before using. For drums: use a 3/4 hp air powered mixer with a 6" blade and shaft that will create a good vortex. For pails: use at least a 3" blade or a suitable hand mix paddle.
3. It is not recommended that this product be applied in temperatures below 50°F (10°C) or if inclement weather is expected within 1–6 hours of application. GreenCoat WC acrylic elastomeric wall coating will not cure below 50°F (10°C).
4. This product is suitable for application through conventional or airless spray equipment or with a roller, squeegee, or brush. Utilize a pump with a minimum output of 1 gallon per minute and 2,000 psi fluid pressure capability at 2–3 gallons per minute. Use a 30-mesh screen or larger. Use a spray tip with a minimum orifice of .027" to .039" (.69 to .99 mm)

and 50° fan angle. Medium to heavy nap roller pads are recommended. Use hoses dedicated for acrylic coatings.

5. GreenCoat WC can be used as a top or base coating or in single coat applications.
6. This product may be applied directly to any approved, clean, dry surface. Coating may be applied in 2 or 3 separate applications of contrasting colors, each applied at right angles to the previous coat. Coating must be evenly applied. The coating will dry in 2–12 hours, dependent on weather conditions (such as temperature and humidity), after which another coat can be applied. Cleanup of spray equipment containing uncured material may be accomplished by flushing with water.

Review Green Shield Products specifications and details for complete installation information. Please contact GSP for more information.

Precautions

- Not recommended for ponding water, continuous immersion service, use in cold storage applications without a vapor retarder.
- **Concrete/Masonry:** Allow fresh concrete or masonry to cure a minimum of 30 days, prime with GreenPrime Epoxy.
Metal: Rusty metal areas must be cleaned with a wire brush and primed with GreenPrime Metal.
Other: For other substrates refer to the Green Shield Products coatings chart.
- GreenCoat WC acrylic elastomeric wall coating is water-based and may freeze and become unusable at temperatures below 32°F (0°C).
- Do not apply over wet surfaces or when inclement weather is imminent.
- The shelf life of this product in unopened containers when stored between 50°F and 100°F (10°C and 38°C) is 12 months from the date of manufacture.
- See Safety Data Sheet (SDS) for complete safety information.



Energy Efficient Building Product Solutions

877-476-7453

greenshieldproducts.com



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Typical Physical Properties

Property	Test Method	Result
Tensile Strength	ASTM D2370	260 PSI \pm 2
Elongation	ASTM D2370	210 \pm 20%
Tear Resistance	ASTM D624	95 PSI \pm 3
Permeance	ASTM D1653B	16 \pm 1
Viscosity	ASTM D562	130 \pm 10 KU
Density	ASTM D1475	1.8 lbs. per gallon
Hardness (Shore A)	ASTM E1980	50-55
Low Temp. Flexibility	ASTM D522	Pass
Accelerated Weathering	ASTM D4798	Pass – 2,000 hours
Solids by Volume	ASTM D2697	50% \pm 2
Solids by Weight	ASTM D1644A	63% \pm 2
Flash Point	ASTM D1310	None
Water Swelling	ASTM D471	8%
Fungi Resistance	ASTM G21	0
Cure Time	Min 2 hrs @100°F & 90% RH Tack Free 8–12 hrs Recoat After 12–24 hrs	
VOC	EPA Method 24	< 50 g/L
Color		White, Light Gray, and Tan

Shipping Information

Container Size	Gross Weight	Class
5-gallon pail (18.9 L)	57 lbs. (29.5 Kg)	55
55-gallon drum (208.2 L)	680 lbs. (317.5 Kg)	55
D.O.T. Classification: BC - Roof Coating, Non-Regulated	Protect from freezing (32°F/0°C) during shipping and storage	

Special colors are available at an additional charge with minimum order. Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information are intended as a guide and does not reflect the specification range for any particular property of this product.



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