

SeamlesSEAL™ BB

Acrylic Coating

Overview

SeamlesSEAL BB Acrylic Coating is a 100% acrylic, single-component, water-based, high-quality elastomeric coating for spray, brush, or roller application. SeamlesSEAL BB is designed for use as an acrylic base coating to block bleed-through from asphaltic substrates, PVC, and slight rust. It is excellent for waterproofing and restoring existing roof systems, as well as prepared PVC, metal, and asphaltic surfaces. Use SeamlesSEAL BB with SeamlesSEAL acrylic top coats for a premium coating system.

Features and Benefits

- Easy to apply with conventional or airless spray equipment, roller, or brush
- Superior resistance to oils and plasticizers that can affect the performance and appearance of acrylic coating
- Excellent adhesion to properly prepared surfaces

Coverage Rate

SeamlesSEAL BB Acrylic Coating is 55% solids by volume so that a typical application rate of 2.0 gallons per 100 square feet should yield a dry film thickness of approximately 15 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 to clean the substrate. Apply only to roofs that have adequate positive drainage (i.e. a minimum slope of 1/8" per foot).
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 at temperatures below 50°F (10°C) or if inclement weather is expected within 1 to 6 hours of application. SeamlesSEAL BB Acrylic Coating will not cure below 50°F (10°C). Application should not take place within 5°F (-15°C) of the dew point.

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 (3.8 L/minute) and 2,000 psi (13,790 kPa) fluid pressure capability at 2 to 3 gallons per minute. Use a 30 mesh screen or larger. 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. SeamlesSEAL BB can be used as a basecoat in two coat applications. It is not recommended as the top or finish coating.
6. This product may be applied directly to most clean, dry surfaces. Subsequent coats should be applied within 24 to 72 hours of prior applications to ensure full and uniform adhesion. Coating must be evenly applied. The coating will dry in 2 to 12 hours, dependent on weather conditions such as temperature and humidity, after which another coat can be applied.
7. Cleanup of spray equipment containing uncured material may be accomplished by flushing with water.

Review Carlisle Roof Foam and Coatings specifications and details for complete installation information. Please contact CRFC for more information.

Precautions

- Not recommended for areas where water ponds on roofs, continuous immersion service, use in cold storage applications without a vapor retarder.
- This product will freeze and become unusable at temperatures below 32°F (0°C).
- Do not apply over wet substrates 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.

Ratings and Approvals

Underwriters Laboratories File R26705

Meets Requirements of ASTM D6083 Standard Specification for Liquid-Applied Acrylic Coating Used in Roofing

Typical Physical Properties

Property	Test Method	SeamlesSEAL BB
Tensile Strength @73°F (23°C)	ASTM D2370	300 psi
Elongation	ASTM D2370	304%
Permeance	ASTM D1653B	4 perms
Solids by Volume	ASTM D2697	55% ± 2
Solids by Weight	ASTM D1644A	69% ± 2
Low Temperature Flexibility	ASTM D522B	Pass
Accelerated Weathering	ASTM D4798	Pass – 1000 hours
VOC	EPA Method 24	< 50 g/L
Flash Point	ASTM D1310	> 212°F (99°C)
Cure Time	Dry to Touch	4–5 Hours
	Recoat After	12–24 Hours
Color		Light Gray, Dark Gray

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Shipping Information

Container Size	Gross Weight	Class
5-gallon pail (18.9 L)	63.3 lbs. (29.5 Kg)	55
55-gallon drum (208.2 L)	681 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	

