

# EZ-Coat

## Smooth and Textured Acrylic Deck Coating

### TECHNICAL DATA SHEET



## Description

RainguardPro's EZ-Coat is a water-based acrylic deck coating designed for high durability uses to improve traction or provide a refreshed color and look. It can be used on a wide variety of applications including wood and metal ramps. The textured version increases traction to meet ADA, NFSI and ASTM slip coefficient standards for safer floors with added traction. It has exceptional durability for UV and moisture exposure environments while being flexible to move with moisture and temperature changes in soft substrates such as wood. Both the smooth and textured versions flow exceptionally well for an easy application.

## Recommended Uses

- Improve traction on metal or wood ramps
- Beautify porches and patios
- Wood Gates and Fences
- Walkways and Decks
- Sport Courts such as Tennis and Basketball

## Features

- Excellent flow rate for an Easy application
- Flexible and not brittle
- Easy to touch up or maintain
- Low Odor and Low VOC
- Scratch Resistant Finish
- Protects substrates from weathering – UV and Moisture

## Non-Skid Properties

Meets ASTM C1028 for slip coefficient of friction and complies with ADA (American Disability Acts) for slip resistance.

	Concrete (Dry)	Concrete (Wet)
Textured	0.96	0.86
Smooth	0.77	0.65

## Available Colors & Tint Bases

Available Tint Bases (Smooth or Textured):	
White/Pastel Base	Eggshell/Matte finish
Deep Base	Eggshell/Matte finish
Accent Base	Eggshell/Matte finish
Available Colors (Smooth or Textured):	
Coming soon	

## Coverage Rate by Substrate (theoretical)

The coverage depends on the surface. Test the product on a small area of the substrate to estimate coverage. Extremely porous surfaces may require multiple coats.

Mil Thickness	Sq Ft/ Gallon*
Wet = 3.5-4	225-250

\*Depending on substrate texture and porosity.

PLEASE NOTE: Heavily textured substrates may require a primer or block filler before application. This will ensure that application rates will remain within a reasonable range. However, textured substrates naturally have more surface area and can reduce spread rates by up to 25%.

## Surface Preparation

Surface preparation is one of the most critical components before application of any product, but more specifically for floor coatings. All surfaces to be coated should be structurally sound, clean and dry. Failing wood boards should be removed or replaced. This includes wood rot, flaking or wood graining. Ensure all dust, debris, oil, grease, salts and other contaminants are free from the substrate before application. All cracks and voids should be filled or patched. When applying over an existing coating, ensure the existing coating is deglossed and "dull" to improve adhesion. RainguardPro's EZ-Bond will help with adhesion properties when needed. Our EasyClean Bio-Stripper is also ideal when existing coatings need to be completely removed.

Protect the work of other trades. Protect shrubbery and other plants with drop cloths. Protect automobiles and all other areas not to be coated from overspray. Remove overspray from any windows, automobiles, metal, etc. as soon as possible. To prevent staining, clean spills or leaks in a timely manner.



## Application Instructions

### Suggested Primer Uses:

We recommend our EZ-Bond primer for use on metal and previously coated substrates. This will improve the adhesion of the top coat on harder to coat applications. When applying over previously painted surfaces, ensure the existing coating is sound, clean, dry and it is not chalking.

### Textured Finish

- We recommend applying using a 1/4inch nap roller. This will ensure a more consistent application and dispersion of the texture. The textured version should also be cross hatched from one coat to the next to ensure a consistent textured finish.
- Two coats are recommended for a uniform finish and to achieve the desired dry film thickness (DFT) or at least 7-8 mils. Each coat is generally applied at a rate of 225-250 sqft per gallon.
- Allow for sufficient drying in between coats. EZ-Coat should be dry to the touch before applying the second coat.
- If spray applying use a textured sprayer.
- A 10-15% reduction with water is recommended for the first coat to "bite" and penetrate porous substrates such as wood. DO NOT dilute when applying on metal or previously coated surfaces

### Smooth Finish

- We recommend applying using a 3/4inch nap roller.
- Two coats are recommended to achieve the desired dry film thickness (DFT) or at least 7-8 mils. Each coat is generally applied at a rate of 250-275 sqft per gallon.
- Allow for sufficient drying in between coats. EZ-Coat should be dry to the touch before applying the second coat. At 75F 50% relative humidity this is approximately 1-2 hours.
- Airless sprayers are recommended for the Smooth version only, if applying the Texture, only use textured sprayers.
- A 10-15% reduction with water is recommended for the first coat to "bite" and penetrate porous substrates such as wood. DO NOT dilute when applying on metal or previously coated surfaces.

### Floor Application

It is the duty of the applicator to ensure that they are recommending the proper version to be used on a floor to avoid slip fall issues. We always recommend for floor applications to use our Textured Version to avoid slip fall hazards and improve traction of the coating. Depending on what the floors are being used for can be a factor and needs to be addressed by the applicator. RainguardPro will not be responsible for any accidents due to slipping or falling on the surface as it is the duty of the applicator to ensure it is the correct environment to be used in.

### Concrete:

When applying on concrete, ensure the concrete is porous and able to rapidly absorb water. Concrete that is sealed or has an existing coating may affect long term adhesion. If concrete needs to be lightly etched before application to open up the porosity due to a penetrating sealer, we would recommend our Restore-N-Prep product. Film-forming coatings should be addressed with a stripper to remove such as our Easy-Clean Bio-Stripper.

### Ferrous Metal:

When applying direct to ferrous metal, always use a primer designed for this type of substrate as any water-based product can cause flash rusting.

### Non-Ferrous Metal (Aluminum, Galvanized, Galvalume, Stainless Steel):

Remove all oils and coatings from the substrate via solvent wiping, IE SSPC-SP 1. Etch or blast to create a 1-2 mil anchor profile or light etching before application. We recommend applying the EZ-Coat System within a few hours after scarification.

## Clean-up Instructions

Uncured material can be removed with a water. Cured material can only be removed mechanically. All empty containers must be disposed of according to local, state, and federal regulations.

## Dry Time

Estimated at 75°F 50% RH	
To Touch	45 Minutes
To Recoat	1-2 Hours
Light Foot Traffic	4-5 Hours
To Full Cure	5 Days



## Precautions

Use material in a well-ventilated area. Protect the work of other trades. Protect shrubbery and other plants with drop cloths. Protect automobiles and all other areas not to be coated from overspray. Remove overspray from any windows, automobiles, metal, etc. as soon as possible should it occur. To prevent permanent staining, clean spills or leaks in a timely manner.

Temperatures should be above 50°F and humidity below 80% for proper curing.

Store materials in a well-protected area at 45°- 90°F. Avoid freezing temperatures, direct sunlight, & moisture. Keep away from heat sources.

## Safe Handling

Use product only with adequate ventilation and/or an appropriate cartridge type respirator. Avoid contact with skin and wear protective gloves. Read the Safety Data Sheet before using.

## Test Panel

Always perform a test mockup to confirm acceptable conditions before proceeding with the general application. We recommend checking adhesion for proper results. When coating over existing coatings, ensure they are tightly adhered or removed before testing adhesion. RainguardPro's EZ-Bond primer will improve adhesion to substrates and can be incorporated to improve the systems overall durability and adhesion performance. RainguardPro offers free samples for mockups upon request.

## Limitations

- Substrate moisture content should not exceed 15%.
- Always use the EZ-Bond primer on metal or previously coated substrates.
- Do not apply in below-grade settings without first priming with our Rubber-Lok membrane.
- Not for use in submersible environments.
- Do not apply on substrates with a pH exceeding 8.
- Do not apply if rain is expected within 24 hours of application.
- Do not apply if temperatures are expected to drop below freezing within 24 hours of application.

[Testing on next page]



## Technical Data

Material Type	Acrylic
Permeability	Perm Rating 6.0 (at 4 mils DFT)
Volume	64% Textured
	56% Smooth
Weight	60% Textured
	52% Smooth
Odor	Slight
Temp Range	Application 50°-100° F
Color of Material	Milky White/Opaque White
V.O.C.	<20 gm/L
Flash Point	Non-Flammable
Surface Dry Time	1-2 Hours
Finish	Pigmented
Viscosity	96 KU's
Water and Alkali Resistance	Excellent
Abrasion Resistance	Excellent

## Test Data

TEST	RESULTS
ASTM D-3960 VOC Levels	<20 g/L
ASTM E96	6.0 Perms
Scaling Resistance ASTM C672/C672	100 Cycles - No Scaling
Exposure to deicing chemicals 100 Freeze Thaw Cycles	Visual Rating - 0
ASTM D6904 Wind-Driven Rain Resistance	Pass
ASTM G-53/G 154 Accelerated Weathering 3000 Hours	No blistering, chalking, gloss or color changes
ASTM C-1262 Freeze, Thaw Resistance 100 cycles	Cracking none; adhesion loss none
Surface Burning ASTM E84	Flame Spread B, Smoke Developed B
ASTM B117 Salt Fog	3000 Hours/No Effect
ASTM D412 Elongation	160%
ASTM D412 Tensile Strength	126 PSI
ASTM D522 Mandrel Bend Test	No coating loss at 180° rotation



## Warranties

Rainguard Brands, LLC guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Rainguard Brands, LLC makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact Rainguard Brands, LLC.

Surface conditions and application variables are out of the control of Rainguard Brands, LLC. As such, the applicator agrees to: Follow recommended application instructions, acknowledge limitations outlined in this technical data sheet, contact the manufacturer in the event there are any uncertainties, perform a test panel to confirm fit and finish before any general application. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Rainguard Brands assumes no obligation or liability for use of this information. Contact manufacturer at 888-765-7070 before bidding to confirm warranty provisions and procedures.

**SELLER'S LIABILITY UNDER THE SALE OF THIS PRODUCT IS LIMITED TO REPLACING DEFECTIVE PRODUCT. HOWEVER, IF SELLERS FAILS IN ITS ATTEMPT TO REPLACE THE DEFECTIVE PRODUCT, BUYER WILL BE ENTITLED TO A REFUND OF MONIES PAID TO SELLER UNDER THIS PRODUCT WARRANTY. SELLER IS NOT LIABLE FOR BUYER'S LOSS OF PROFITS, BUSINESS GOODWILL, OR OTHER CONSEQUENTIAL DAMAGES, DESPITE ANY FAILURE TO REPLACE THE PRODUCT. BUYER HAS ACCEPTED THIS RESTRICTION ON ITS RIGHT TO RECOVER CONSEQUENTIAL DAMAGES AS PART OF ITS BARGAIN WITH SELLER. BUYER REALIZES AND ACKNOWLEDGES THAT THE PRICE OF THE PRODUCT WOULD BE HIGHER IF SELLER WERE REQUIRED TO BE RESPONSIBLE FOR BUYER'S CONSEQUENTIAL DAMAGES."**

© 2025 RAINGUARD BRANDS, LLC. All rights reserved.

[END]