

RainguardPro's Shellac

Hybrid Epoxy Synthetic Shellac

TECHNICAL DATA SHEET



Universal Epoxy Primer

Description

RainguardPro's Shellac is a high-performance stain, odor and tanning blocking primer designed for a wide variety of uses and substrates. Our water-based shellac avoids the need for solvent cleaning of tools and hazardous odors during application. RainguardPro's Shellac is epoxy fortified which dramatically increases performance compared to traditional shellacs while still remaining a water-based product for easy clean up and low odor applications. Odors and stains are blocked out with a single-coat. This low VOC product is ideal for interior and exterior use and resists the growth of mold, mildew and microbes on the surface. Finishes and top-coats can be applied in as little as 40-minutes with good drying conditions and resists "hot" products such as lacquers and solvent-based top coats.

Recommended Uses

- Interior & Exterior Wood
- New or Painted Drywall
- Stucco
- Galvanized Metal
- Alkyd Surface

Features & Benefits

- Stops Tannin Bleed
- Stain Blocker
- Easy to Apply
- Blocks Smoke and Water Damage
- Resists Growth of Microbes

Color & Finish

| Color | Finish |
|------------------------------|--------|
| White Tint: 4 Oz / Gallon | Flat |

Coverage Rate by Substrate (theoretical)

Up to 275 square feet per gallon, depending on the porosity and texture of the surface.

Surface Preparation

Prior to application, all surfaces shall be clean and dry with no oils, dirt, debris, rust, metal oxides, or minerals such as efflorescence, lime, and calcium. These stains, along with others, will prevent proper adhesion of RainguardPro's Shellac to sufficiently seal for the warranty period.

The use of RainguardPro's Restore-N-Prep® Concrete and Masonry Cleaner system is recommended as a pre-treatment to clean masonry surfaces. Once clean, allow the surface to fully dry before sealing or applying a top-coat (See the Restore-N-Prep™ TDS for details). If the surface needs to be sanded prior to application, do not use sandpaper above 180 grit so as not to cause adhesion issues.

We recommend not exceeding 180 grit sand paper. Surface preparation exceeding 180 grit may work as a polish for the existing coating or substrate. If you are using too fine of a grit sandpaper that can affect adhesion. For fine finishes we recommend 150-180 grit sand paper.

Restore-N-Prep™ CSI Reference

| |
|----------------------------|
| 03 01 40 Concrete Finishes |
| 03 10 30 Concrete Finishes |
| 03 10 50 Concrete Finishes |
| 04 01 20 Unit Masonry |
| 04 01 40 Unit Masonry |

Application Instructions

RainguardPro's Shellac is supplied Ready-to-Use. DO NOT THIN. Mix thoroughly prior to use. Avoid application in windy weather. In hot weather, lightly dampen surfaces with clean fresh water to avoid premature or flash drying.

Brush, roll or spray. Ambient and surface temperatures must be above 55°F and relative humidity below 80%. Clean tools and equipment with soap and water. Reach out to your RainguardPro Representative with any application questions or instructions.

| Mil Thickness | |
|---------------|---------|
| Wet | 5 - 7 |
| Dry | 2 - 2.5 |

| Dry Time | |
|----------|------------|
| Touch | 40 Minutes |
| Recoat | 40 Minutes |



Test Panel

Always apply RainguardPro's Shellac onto a mock wall or test panel. Test the wall or an actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application.

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.

Conformance

| | |
|--------|--|
| SCAQMD | Meets Rule 1113 and 1107. Architectural Coatings. CARB Compliant |
| LEED | 2009 and V4 |

Technical

| | |
|-------------------------------------|---------------------------|
| Material Type | Epoxy |
| Solids by Volume | 35% |
| Solids by Weight | 50.6% |
| Color of Material | Milky White |
| Odor | Slight Latex Odor |
| V.O.C. | 43 gm/L |
| Viscosity | 94-98 KU |
| Weight | Approx. 11 lbs./Gal |
| Surface Dry Time | Approx. 40 Minutes @ 70°F |
| Recoat Dry Time | Approx. 40 Minutes @ 70°F |
| Application Temp. | 55°-120°F |
| ASTM D1653-13 Method A Permeability | 1.19 perm. @ 2 mils DFT |



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."

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