

Pluggger Universal pH

Universal High pH Primer

TECHNICAL DATA SHEET



High Performance Primer for high pH surfaces.

Description

RainguardPro Pluggger Universal pH is a self-cross-linking acrylic primer that can be used on metal, concrete, stucco, masonry, and previously painted surfaces. It is a rust inhibitive primer that can be top-coated with hot solvents or water-based coatings. Contact RainguardPro for warranty information.

Features & Benefits

- Excellent Hide
- Can be used on high pH surfaces
- Rust Inhibiting and Corrosion Resistant
- Low Temperature Applications
- Fast Drying
- Interior or Exterior Uses
- Galvanized metal and aluminum

Coverage Rate by Substrate (theoretical)

Up to 400 square feet per gallon, depending on the porosity and texture of the surface.

Color & Finish

Color	Finish
White Tint: 4 Oz / Gallon	Flat

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 penetration of Pluggger Universal pH to sufficiently seal for the warranty period.

The use of Rainguard'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).

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

Rainguard Pluggger Universal pH 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	4-5
Dry	1.8-2.4

Dry Time	
Touch	30 Minutes
Recoat	2-4 Hours

Test Panel

Always apply Pluggger Universal pH 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.



Technical

Material Type	Acrylic
Solids by Volume	40%
Solids by Weight	54.6%
Color of Material	White
Odor	Slight Latex Odor
Cured Appearance	White
V.O.C.	48 gm/L
Viscosity	92-96 KU
Weight	Approx. 10.9 lbs./Gal
Surface Dry Time	Approx. 30 Minutes @ 70°F
Recoat Dry Time	Approx. 2-4 Hours @ 70°F
Application Temp.	40°-120°F

Conformance

SCAQMD	Meets Rule 1113 and 1107. Architectural Coatings. CARB Compliant
LEED	2009 and V4
Low Emitting Materials MPI	Contact RainguardPro for list of MPI listings

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 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."