

Intellaprime PUD

Waterborne Primer

Description

Intellaprime PUD is a one-component waterborne primer designed to enhance the adhesion of CPS and Bullet Liner protective coating products to challenging metal substrates such as Aluminum. This ready to use one-component primer is applied direct to metal and can be top coated with any CPS or Bullet Liner spray-applied elastomeric protective coating in as little as 1 hour. Intellaprime PUD exhibits good adhesion to most metals and will improve adhesion on difficult to stick metals without the need for mixing two-component epoxy-based primers with limited pot life.

Application Instructions

Surface Preparation, Bare Substrates

Solvent wash surface with a good grade wax and grease remover and wipe dry with a clean cloth. Intellaprime PUD can be applied over properly phosphatized steel. May be used over certain E coatings with testing.

Mixing

Stir the 5-gallon pail thoroughly, preferably with a spiral paint mixer attached to a variable-speed drill to ensure uniform consistency.

Application

Intellaprime PUD should be applied with HVLP spray equipment with a 1.4-tip. Intellaprime PUD may also be applied with a high-quality brush, dipped, or flow-coated depending on the substrate and application. DO NOT THIN PRODUCT.

For best results, product should be allowed to dry at temperatures between 40° F and 200° F, at the listed thickness and recoat window provided. Ideal conditions are 50-65% relative humidity. Curing times are significantly affected when humidity levels exceed 70%.

Storage And Handling

Intellaprime PUD should be stored in a cool, dry environment. Avoid prolonged exposure at temperatures above 90° F (32° C). Under recommended storage conditions, product shelf-life in factory-sealed containers is 6 months. CAUTION: Avoid breathing vapors; use adequate ventilation to keep airborne vapor concentrations low. Use appropriate respiratory protection if TLV/PEL is exceeded; use appropriate eye and skin protection to avoid contact. Consult SDS for details.

Technical Data Overview

Property	Result
Viscosity	20 – 40 Cps.
Weight/Gallon	8.15 – 8.35 Lbs.
Color	Clear White
%-Solids by Weight	6.4%
VOC	627 g/L
Recoat Window	1 – 12 Hours
Application THICKNESS	5 – 15 Mils

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