



Product Data

URA-PRIME Polyurethane Primer/Undercoater PIUR Series

Description: **Ura-Prime PIUR Series** is a two component high solids acrylic modified epoxy/urethane primer formulated for use with 2K acrylic polyurethane topcoats utilizing the same activator. A dual purpose rust inhibitive primer that can be used as a prime coat on new steel or as a barrier coat over sound painted surfaces when upgrading to a chemically resistant system such as 2K polyurethane. It contains two premium rust inhibitors designed to provide superior protection in aggressive environments. Dries to a flexible, abrasion resistant low semi-gloss finish.

Recommended Uses: Railcars, piping, tank exteriors and OEM equipment that may be field-coated with a variety of systems.

PHYSICAL CONSTANTS

(Subject to normal manufacturing tolerances)

Finish: Low semi-gloss

Color / Shade: Gray, Buff and Red Oxide

Components: Two

Mixing Ratio: 4:01

Volume Solids: 65% / US Gallon

Dry Time @77° F. and 55% RH:

To Touch	Tack Free	Dry Hard	Fully Cured
45 minutes	One hour	8 hours	Overnight

Theoretical Coverage: 521 sq. ft. / US gallon @ 2 mils DFT (no loss)

Recommended DFT: 2.0 - 3.0 mils or according to specification

Shelf Life: 24 months when stored indoors @ 75° F. (24° C.)

Storage Temp: 45° - 110° F. (7° - 43° C.)

Clean Up: Xylene

VOC: 2.41 lbs./gal

POT LIFE: 4 hours @ 77 F. 50% relative humidity



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Surface Preparation: Remove all oil, grease and other contaminants by washing with solvent or surface cleaner/degreaser in accordance with SSPC-SP 1. Allow to dry prior to painting. For maximum protection: Abrasive blast to SA 2½, SSPC-SP 10. Minimum surface profile according to Keane Tator comparator 2.0 G/S.

Application Conditions:

Surface Condition	Surface Temperature	Ambient Temperature	Humidity
Normal	60°-85° F (16°-29° C)	60°-90° F (16°-32° C)	0-80%
Minimum	35° F (2° C)	35° F (2° C)	0%
Maximum	125° F (52° C)	110° F (43° C)	90%

The surface must be dry at the time of application and the temperature must be above 50° F.

Application Equipment: Airless Spray Conventional Brush (touch up)

Mixing Instructions: Power mix to uniform consistency.

Thinning: Use Excalibur R-0030 Urethane/Epoxy Reducer

Packaging:	1 Gallon (4 gal./case)	Approx. Shipping Weight:	13.00 lbs.
	5 Gallon Pail	Approx. Shipping Weight:	65.00 lbs.
	55 Gallon Drum	Approx. Shipping Weight:	755.00 lbs.

Compatibility: If unsure about the compatibility of this product with other commodities, please contact an Excalibur technical service representative at 877-392-2542.

PRECAUTIONS

***** SAFETY ***** Packings are provided with applicable safety labels which should be observed. In addition, national and local regulations should be followed.

As a general rule, inhalation of solvent vapors or paint mist and contact of liquid paint with skin and eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory skin and eye protection are always recommended when painting. See complete Material & Safety Data Sheets for detailed health hazards and safety information.

DISCLAIMER and LIMITATION OF LIABILITY

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