

Product Data



Rust Ex Epoxy Primer/Topcoat EPT Series

Description: **Excalibur's EPT Series Epoxy Primer/Topcoat** is an extremely durable multi-purpose high solids, high build, two component chemically-cured epoxy formulated for use on concrete, block, and steel. This two component product may be applied over a primer or direct-to-metal. It offers excellent flexibility, moisture, stain and abrasion resistance, and can be applied by spray, brush, or roller. Compatible with most existing coatings.

Recommended Uses: It is recommended for use on structural steel, piping, tanks, trailers, rail cars, separators, and other associated equipment. It may also be used as a primer or finish coat for interior concrete floors. As with most epoxy coatings, this product chalks when exposed to U.V. weathering.

PHYSICAL CONSTANTS

(Subject to normal manufacturing tolerances)

Finish: Semi-gloss
Color / Shade: A wide variety of colors is available. Custom colors by request.
Components: 2 (two)
Mixing Ratio: 4:1 Base to Activator
Volume Solids: 55% / US Gallon **mixed** (depending on color)

**Dry Time @77° F.
and 55% RH:**

To Touch	Tack Free	Dry Hard	Fully Cured
30 - 40 Mins *	2 hours	Overnight *	7 days *

* Dry times may be significantly reduced with the utilization of plural component equipment and/or the reduction of the pot life.

Theoretical Coverage: 294 sq. ft. / US gallon @ 3 mils DFT (no loss)
Recommended DFT: 3.0 - 5.0 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: R-020 Epoxy Thinner
VOC: 3.243 lbs. / US gallon (depending on color)
POT LIFE: 4 hours @ 70° - 80° F. @ 50% R.H.

Product Data

Rust Ex Epoxy Primer/Topcoat EPT Series

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. Concrete surfaces should be etched with a solution of muratic acid and water. After etching, the surface should be power washed with clean water. Allow to dry for a minimum of 24 hours prior to application of coating. On previously painted surfaces, it is recommended that a small test patch be applied to check for lifting prior to overcoating.

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 Roller Brush (touch up)

Mixing Instructions: Mix four (4) parts color (base) to one (1) part activator. Stir thoroughly making sure no pigment remains on the bottom of the can and the color is uniform. Do not mix more material than will be used within pot life time. After mixing, allow a minimum of 30 minute sweat-in time.

Thinning: R-020 Epoxy Thinner

Packaging:	1 Gallon (4 gal./case)	Approx. Shipping Weight:	46.00 lbs.
	5 Gallon Pail	Approx. Shipping Weight:	56.00 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

To the best of our knowledge, the information contained herein is accurate. We warrant our products to be free of manufacturing defects in accordance with Transline quality control procedures. NO OTHER WARRANTY OR GUARANTEE IS MADE BY TRANSLINE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE Transline, Inc. will not be liable for any incidental or consequential damages. Liability for products proven defective, if any, is limited to the replacement of defective product or refund of the purchase price paid for the defective product as determined by Transline, Inc. Final determination of the suitability of the material for the use contemplated, the manner of use or whether the suggested use infringes any patents is the sole responsibility of the Buyer.