



TEC-SEAL EPOXY PRIMER
TS-140 GRAY
TS-143 RED
TS-140A ACTIVATOR

DESCRIPTION: This modified epoxy-polyamide primer is designed for the protection of steel, galvanized steel and aluminum substrates. It features fast dry and good sandability along with excellent corrosion resistance.

RECOMMENDED USES: Ideally suited for fleet, OEM, or general industrial applications. This primer is designed to be an undercoat for two-component urethanes.

TECHNICAL DATA

THEORETICAL COVERAGE: 571 mil ft.
per mixed gallon
RECOMMENDED DRY FILM THICKNESS:
1.5 – 2.0 mils per coat
POT LIFE @ 70° F.: 8 hours
ENVIRONMENTAL CODES:
V.O.C. 4.5 lb./gallon (mixed)
SOLIDS CONTENT: 36% by volume (mixed)
THINNER: R-1799 or R-140
MIXING RATIO: By volume, 1 part
TS-140 base to 1 part TS-140A activator
TEMPERATURE LIMIT: 200 - 250° F.
FLASHPOINT: 45° F.

GLOSS: Low sheen
WEIGHT/GALLON: 10.0 – 10.5 lb. (mixed)
VISCOSITY: 100 ± 5 Krebs Units (TS-140)
20 ± 4 seconds Ford #4 (TS-140A)
DRYING TIME @ 70° F., 50% R.H.:
To touch: 15 minutes
To handle: 60 minutes
To sand: overnight
RECOAT TIME:
Most applications - after 4 hours
Production-line situations - after 1 hour
For best results - let cure overnight

IMPORTANT INFORMATION

APPLICATION TEMPERATURE: Do not apply when the air, surface, or product temperature is below 50° F. (15.5° C.), or at any temperature when the ambient air temperature is within 5° F. (3° C.) of the dew point to prevent moisture from condensing on the surface to be painted or on the freshly painted surface.

MIXING AND THINNING: Shake or power agitate base component to a creamy texture before use as some phase separation is normal. Allow mixed components ½-hour induction time before thinning and applying. Must be thinned 10-50% for proper application. May be recoated within 4 hours, but no maximum recoat interval in most cases; consult TCI for specific information. This product is generally tolerant of poorly prepared surfaces and contains no toxic lead or chromium as non-toxic pigments are used for corrosion protection and safer preparation work.

SURFACE PREPARATION

Surfaces to be painted must be dry and free from dirt, loose paint, oil, grease, wax and other contaminants. All heavy rust and loose mill scale must be removed. Follow SSPC SP2-63 "Hand Cleaning" instructions. Remove oil and grease by washing with R-688 reducer or any other brand of Xylene. Roughen the surface of all slick or glossy substrates by sanding.

HANDLING PRECAUTIONS

WARNING: Flammable!

Keep away from heat or open flame.

Use with adequate ventilation.

Avoid prolonged or repeated contact with skin, and breathing of vapor or spray mist.

Do not take internally.

Close container after each use.

FOR INDUSTRIAL USE ONLY.

This product contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For best results and safest usage, user is specifically directed to consult the current Material Safety Data Sheet for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with the manufacturer's recommendations. If precautions are not taken, spraying of any material can be hazardous. When using or handling spray equipment, hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases wear protective eye equipment. Before using the products listed herein carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.