



FleetSpec™ 985

High Solids Epoxy Zinc Primer

Description:

FleetSpec™ 985 is a high-performance VOC compliant, fast cure zinc epoxy primer designed to provide excellent corrosion control by using corrosion protective zinc pigments. This specialized formulation provides superior hide, hold out and excellent protection on sharp edges. **FleetSpec™ 985** offers fast recoat and cure schedule, optimizing production and lowering costs. It is a DTM surface tolerant epoxy primer that offers excellent adhesion and performance on steel surfaces. An excellent primer for fleet, commercial, industrial and marine use where extreme durability is required. Superior resistance to fresh and salt water, detergents, solvents and corrosive chemicals.

Advantages:

- VOC Compliant
- DTM Zinc Pigment Protection
- Superior Corrosion Resistant
- Salt Water and Chemical Resistant

Uses:

- Vehicles
- Heavy-Duty Machinery & Equipment
- Trailers
- Containers
- Implements
- Marine Applications

Material Properties

Gloss Level	Satin
Density	14.80 lbs./gal (1.77) kg/ltr (mixed)
Volume Solids	54% mixed
VOC	2.80 lbs./gal (335 grams/ltr)
Dry Film Thickness	3.0-7.0 mils
Colors Available	Dark Gray
Pot Life (68°F/20°C)	4 Hours @ 70°F 50% RH
Theoretical Coverage	283 sq.ft./gal. @ 3.0 mils DFT
Practical Coverage	As a guideline for spraying on large dimensions: 70% theoretical coverage, for small dimensions: 50%

Surface Preparation:

New or Unfinished Surfaces:

Ferrous Metal: For best performance application to abrasive blasted surface is recommended. "Commercial Blast Cleaning". (SSPC- SP6) is recommended as the minimum for blast cleaning. Proper blast media and blasting equipment shall be used to produce an average profile depth of 1.5 mils minimum to 2.5 mils maximum. Do not reuse abrasive media. Remove blasting dust and grit from surfaces before painting. Blasted surfaces should be coated within 8 hours after blasting or before rusting or other contamination of the surface occurs. If blasting is not possible, use "Hand or Power Tool Cleaning: (SSPC-SP2 or -SP3).GG

Galvanized Metal: Brush blast, sand or abrade surface. Clean all contamination by scrubbing with a with a cleaning soap solution. Rinse clean with water and allow to dry.

Stainless: Brush Blast, Sand or Abrade Surface prior to priming.

Previously Painted Surfaces: Repair all damaged areas. Remove gloss from previous paint by sanding or "Brush Blasting" (SSPC-SP7) Remove any rust, heavy chalk and loose or peeling paint by "Hand or Power Tool Cleaning." (SSPC-SP2or -SP3).

If doubt exists concerning compatibility of this coating with the previous system, apply coating to a representative area (25 square feet minimum) and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting, blistering or any or any other sign of incompatibility. If there are no issues, coating work can proceed.

Mixing Instructions: Mix 3 parts 985 to 1 part ACT-9700 May be reduced 10-20% as needed with SOL-670 or SOL-680.

Sustainable Coating Solutions

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Application Instructions

Spray Method	Airless	Air Assisted Airless	Air Spray / HVLP
Thinner	SZ680, SZ670	SZ680, SZ670	SZ680, SZ670
Quantity	5-10%	10-20%	10-20% as needed
Nozzle or Tip Size	0.013 to 0.015	0.013 to 0.015	1.4 to 1.8
Fluid Pressure	1500 to 3000 PSI	800 to 1300 PSI	20-40 PSI
Air Pressure	N/A	35 PSI	30-60 PSI
Dry Film Thickness	3.0-7.0 Mils	3.0-7.0 Mils	3.0 to 7.0 Mils

Do not apply this product if substrate and/or temperature is less than 50°F. Conventional low pressure or HVLP spray is the preferred method of application. Apply the product in multiple coats waiting 5-10 minutes between coats for best performance.

Performance Characteristics

Impact (Direct & Indirect)
ASTM D-2794

80 in. lbs. / 30 in. lbs.

Chemical Resistance

100 Double MEK Rubs

Flexibility: ASTM 522
Conical Mandrell

No Cracking 25"

Adhesion (Cross Hatch)
ASTM D 3359:

Excellent 5B

Salt Spray
ASTM B-117

3500 hrs.

Dry Times: 70°F @ 2-4 mils DFT

To Touch: 20 Minutes

Flash Time Between Coats 5-10 Minutes

To Handle: 2 - 4 Hours

To Recoat: 30-45 Minutes to 48 Hours

Force Dry: 20 Mins @ 140° F

Cleaning Instructions:

Cleaning tools: Clean immediately after application using cleaners acceptable for your area.

Health & Environmental:

In accordance with OSHA regulations on hazardous materials, harmful and irritating if in contact with skin, eyes and by inhalation. Observe safety information from MSDS sheets. Always wear proper protective suits, gloves and eye protection. In case of eye contact, immediately wash with large amounts of water and contact a medical expert. If spraying, always wear proper NIOSH approved respirators. Fresh air fed respirators are preferred. Do not eat, drink or smoke during application. Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition. Do not cut, drill, grind or weld on or near this container.

Warranty / Disclaimer:

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to the acceptance of limited warranty. A copy of which can be obtained from Baril Coatings, which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Baril Coatings. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.



FleetSpec™
Multi Fleet & Industrial Finishes

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