



Simco
We've Got You Covered

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SIMGUARD-300 **HIGH BUILD EPOXY FINISH**

Description: Self-priming, high build epoxy polyamide coating that has excellent adhesion and outstanding resistance to acids, alkalis and petroleum solvents. Has withstood 7000 hours of salt fog and fresh water immersion at temperatures up to 180 °F. It is unaffected by immersion in diesel oil, gasoline and other petroleum products. It has outstanding resistance to sour crudes, hydrogen sulfide and salt water. It is not recommended for use with ketones, esters or chlorinated hydrocarbons. It is unaffected by caustic spillage and immersion in concentrations up to 50% at temperatures to 160° F.

Recommended Uses: It can be used as a self-priming coating system over structural steel, offshore structures, chemical plants, refineries, barges, potable water tanks, drilling mud stands, and the interior and exterior portions of tanks.

Technical Data

Generic Type:	Epoxy polyamide
Color and Finish:	White & pastel shades; Semi-gloss
Flash Point:	61° F
Theoretical Coverage:	Est. 950 sq. ft. / gal. @ 1 mil DFT
Mixing Ratio:	4:1 base to hardener by vol.
Potlife @ 77° F:	3 hours
Solids by Volume:	60.0 ± 1.0%
Volatile Organic Compound (VOC):	2.80 lbs./gal.
Weight per Gallon:	12.0 ± 0.2
Recommended DFT:	5-6 Mils/coat
Temperature Resistance:	250° F, dry heat
Drying Time @ 75° F:	
To touch:	1 hour
To handle:	8-12 hours
To Topcoat:	7 days
Recommended Thinner:	Simco Epoxy Thinner R-300

Surface Preparation:

All surfaces must be clean, dry and free from all loose rust, scale, paint or oil. For best results, abrasive blast SSPC-SP6 commercial or SSPC-70 near white.

Application Data:

Airless or conventional spray is recommended. Small areas may be brushed.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information of this product, no warranty expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.