

LABOR SAVER™ FOR IMMERSION WATER HIGH PERFORMANCE EPOXY 9100 SYSTEM / 9102 ACTIVATOR

DESCRIPTION

Two-Component, 1:1 Mix, High Solids Epoxy Coating. It is specially developed for the water immersion but not for the potable water tank. USDA acceptable¹ and Agriculture Canada approved.

USES

This high solids epoxy mastic coating is designed to provide high-performance service in moderate to severe environments. It is primarily intended for use directly on sound rusted steel with minimum surface preparation. It can also be used on clean steel, galvanized metal, concrete (including concrete floors), previously coated and slightly damp surfaces.

The 9100 System can be used indoors or out. While exposure to sunlight and certain interior lighting conditions causes yellowing, fading and chalking of all epoxy type coatings, these changes are cosmetic in nature only and film integrity and performance will not be adversely affected.

Semi-gloss, Color according to Rust-Oleum Color Card

APPEARANCE

RECOMMENDED PRIMERS

9100 System is self-priming

COMPATIBLE TOPCOATS

5200 High Performance Acrylic Finishes, 9400 Rust-O-Thane

PHYSICAL PROPERTIES

RESIN TYPE	Polyamide or Polyamine Converted Epoxy		
SOLIDS BY VOLUME	65% - 68%		
VOLATILE ORGANIC COMPOUNDS	< 340 g/l		
RECOMMENDED DRY FILM THICKNESS	5 - 8 mils (125 - 200 microns) per coat		
WET FILM TO ACHIEVE DFT	7.5 - 12.5 mils (187 - 312 microns)		
THEORETICAL COVERAGE @ 1 mils DFT	1045 - 1090 sq ft / gal.		
MIXING RATIO	1 : 1 Base to Activator By Volume (9102 Activator)		
INDUCTION PERIOD	30 minutes (60 min. between 15 - 21°C)		
POT LIFE @ 21 - 27°C AND 50% RH	2 gallons approx 2 - 3 hours at 32°C 10 gallons less than 2 hours at 32°C		
DRY TIMES @ 21 - 27°C AND 50% RH	Tack Free	6 - 8	hours
	Handle	8 - 14	hours
	Recoat	16 - 72	hours
DRY HEAT RESISTANCE	300°F (149°C)		
SHELF LIFE	3 years in unopened containers.		
PACKAGING	Part A 1 gallon and Part B 1 gallon		

SURFACE PREPARATION

Remove all dirt, grease, oil, salt and chemical contaminants by cleaning with 3599 degreaser(Rust-Oleum) or other suitable cleaner. Remove loose rust, mill scale or deteriorated previous coatings by Hand Tool or Power Tool Cleaning. Rinse thoroughly with fresh water and allow to fully dry. Thoroughly cured, hard or glossy previous coatings which are very smooth may require scuff sanding to maximize adhesion.

APPLICATION

Airless spray is the preferred method. However, Brush, roller, air atomized spray may also be used.

THINNING

Brush / Roller	Thinning is normally not required.	
Air Atomized Spray	165 Thinner	Use 10% or as needed
Airless Spray	165 Thinner	Use up to 5% by volume
Cleanup	165 Thinner	

SAFETY INFORMATION

See the Product Material Safety Data Sheet (MSDS) and label warning for additional safety information.

¹ Can be used in used in USDA facilities based on FSIS Directive 11,000.4(Rev 1), November 24, 1995.