

SIP ENVIROSHIELD COATING

SIP EnviroShield Coat is a durable Alkyd base corrosion protective coating system used on the restraint glands in conjunction with our Fluoropolymer coating on bolts and wedge assembly. SIP Finish Coat has a proven record of field service and is widely accepted.

General Specifications

Attributes	:	Satin Gloss	
	:	Nonvolatile	By weight - $63.0 \pm 2.0\%$ By volume - $42.4 \pm 1.0\%$
	:	VOC (Calculated)	4.0 lbs./gal. 480 grams/liter
	:	Flash Point	80°F (Setaflash)
	:	Weight per Gallon * varies slightly with color	10.9 ± 0.2 lbs.*
Application	:	Recommended Film Thickness per coat	2.0 mils dry, 4.7 mils wet
	:	Theoretical Coverage @ 2.0 mils dry	340 sq. ft/gal
	:	Method	Conventional or airless spray
	:	Thinner	TECH Thinner #901 or XYLENE #903
	:	Dry time @ 75°F	To touch - 1 hour To handle - 2 hours

Cleaning

- Glands, Bolts and wedges are grit blasted to prepare the surface. This process cleans and degreases the surface from all impurities that might interact with the coating. It also gives the metal a proper surface profile for top coatings to adhere to.
- Bolts and wedges are then processed in Zinc Phosphate solution that both cleans and oxidizes as a preparation for the Fluoropolymer coating
- Glands are cleaned to remove all blasting residue and inspected for proper preparation of the Alkyd Enamel total coating.

Coating

- Parts are inspected for proper surface preparation prior to the final coating process.
- Glands are protected with the corrosion restraint Alkyd coating system that acts as a primer and top coat in a single operation.
- Bolts and wedges are coating with a Fluoropolymer coating as corrosion restraint and for better engagement of the threaded components.
- Both coatings offer oxidization prevention and UV protection.