

# AQUA-POXY® 912 PRIMER

## SERIES E912

A TWO PART, ADHESION PROMOTING CORROSION INHIBITING PRIMER



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### DESCRIPTION

**SANPRO® AQUA-POXY® 912** is a two component, high performance epoxy primer designed for universal use over cleaned shot blasted steel, galvalume and aluminum, many plastics and wood. **AQUA-POXY 912** prevents filiform corrosion over aluminum, galvanic corrosion over galvalume and galvanized steel and is an excellent corrosion resistant primer for properly prepared steel. **SANPRO SANCRYL®** coatings are recommended for use over **AQUA-POXY 912** primer for superior exterior performance.

### OUTSTANDING FEATURES/BENEFITS

- Superior adhesion
- Provides excellent corrosion protection
- Resistant to chemical attack and solvent spills
- VOC compliant
- Long pot life. Keep covered when not in use
- Solvent-borne lacquers and urethanes may be applied over **AQUA-POXY 912** with excellent results
- The high hiding power and light reflectance of **AQUA-POXY 912** makes it an excellent finish coat for the inside of lighted signs

- TYPE:** Epoxy/Polyamide  
**COLOR:** White (W01)  
**FINISH:** Matte  
**MIX RATIO:** 3:1 (3 parts Component A to 1 part Component B)  
**PACKAGING:** 4 gallon units (3 gallons Component A plus 1 gallon Component B)

### LIMITATIONS

- Applying at temperatures below 50°F, or humidity above 80%, will greatly prolong drying times.
- **SANPRO AQUA-POXY® 912** must be protected from freezing.
- Application over steel must be carefully monitored to avoid flash rusting or loss of adhesion due to imperfect surface preparation.
- Surface must be dry to touch when topcoated. If topcoated when wet, the system cure time will be greatly extended.

### COMPOSITION AND PHYSICAL PROPERTIES

**PART A: E912-W01 (EPOXY/PIGMENT EMULSION)**

**PART B: E912-000 (CURING AGENT)**

**ALL PHYSICAL TESTS ARE RUN AT 77°F**

|   |  |   |   |
|---|--|---|---|
| <b>Weight/Gallon (3A + 1B)</b><br>(ASTM D2832)      | 11.2 - 11.6 Lbs  | <b>Filiform Corrosion</b><br>(ASTM 2803)          | 10,000 Hours: PASS  |
| <b>Solids (3A +1B)</b><br>(ASTM D2832)              | 57% - 60%  | <b>Recommended Reduction</b>                      | Reduce (3A + 1B) up to 4 to 1 with water  |
| <b>Viscosity</b><br>(ASTM D562)                     | 100 - 135 KU (unreduced mixed)                         | <b>Reduced Viscosity</b><br>(ASTM D4212)          | 60 - 70 secs #2 Zahn Cup  |
| <b>VOC(minus water)</b><br>(Actual VOC as supplied) | 274g/L (2.29 lb/gal)<br>222g/L (1.85 lb/gal)           | <b>Film Thickness Recommended</b><br>(ASTM D1400) | 0.3 mils dry on aluminum<br>2.0 mils dry on galvalume<br>4.0+ mils dry on steel |
| <b>Catalyzed Pot Life</b>                           | For best results mix only what can be used in 4 hours. | <b>Freeze/Thaw Stability</b>                      | <b>DO NOT FREEZE</b>  |
|   |  | <b>Coverage Rate</b>                              | 680 sq ft/gal @ 1 mil dry   |

### APPLICATION

Mix 3 Parts Component A to 1 Part Component B, stir well.  
Recommended spray equipment: DeVilbiss HVLP Spray Gun

FLUID TIP: JGHV-6-GX-0.85      NEEDLE: JGHV-25-GX  
AIR CAP: #12      AIR PRESSURE: 75-85 PSI

Conventional air spray guns may also be used.

**AQUA POXY 912** dries to touch in 20 - 30 minutes and can be topcoated up to 4 weeks after becoming dry to touch.

Full cure and water resistance properties take about 1 week at room temperature or 24 hours after topcoating and baking 12 minutes at 180°F.



#### IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects, and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and is accurate to the best of our knowledge. They are based on technical data which we believe to be reliable, and are intended for use by persons having skill and "know-how," at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS OBTAINED FROM IT'S USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders or other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. © 2/98 SANDSTROM PRODUCTS COMPANY 7/9/98