

SOUKIE SALO SAFETY

A COMPANY OF **SA** | SOURCE
ATLANTIC



Corrosion Resistance

PREVENTS AND STOPS RUST FROM SPREADING

Protect your valuable assets, above and underground or at sea



www.souciesalosafety.com

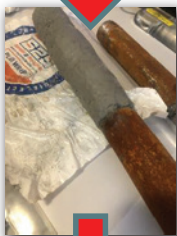
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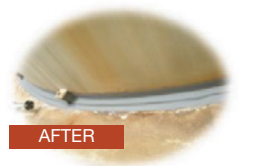


Mining Applications

This accelerated test of galvanized pipes immersed in hydrochloric acid solution was unaffected under the S2S PLID Wrap



Galvanizing totally intact under the S2S PLID Wrap



S2S Corrosion Preventive Solutions have proven to reduce maintenance costs and increase the life of equipment in highly corrosive environments with long-term corrosion prevention.

- Polar bonds to metal displacing oxygen and water stopping any electron flow via electrolyte (chloride) solutions
- Forms an even, driplless, dielectric barrier that is self healing; eliminating electron flow associated with dissimilar metal galvanic activity
- Excellent performance in ASTM B-117 Salt Spray Chamber testing (500 – 1000+ hrs with no corrosion)
- Minimal surface prep and can be applied to damp surfaces (main requirement is to remove heavy corrosion scale and heavy debris)
- Penetrates to all crevices and trapped moisture in equipment & infrastructure
- Dielectric from 3200v to 40,000v
- Products do not sustain burning
- Wet films are non-toxic and non-hazardous; all products Ultra LOW VOCs
- Wet films can be applied over painted surfaces

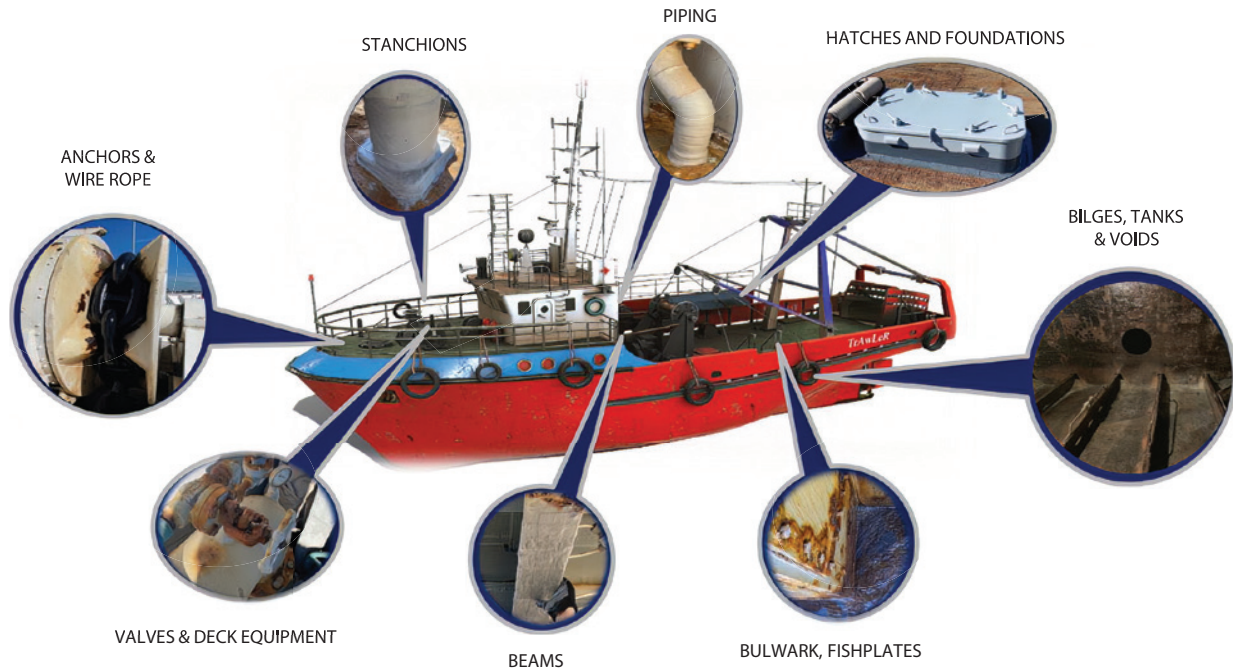


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Marine Applications



S2S Corrosion Preventive Solutions have proven to reduce maintenance costs and increase the life of marine assets and equipment with long-term corrosion prevention.

- Polar bonding wet films displace oxygen and water shutting down rust
- Di-electric properties stop electrolysis in dissimilar metals and protect electrical equipment (up to 40k Volts)
- Minimal surface prep required; can be applied to metal surfaces without removing current failed coatings
- Easy application with no formal training required
- No confined space entry required for float coat & misting applications
- PLID Anti-Corrosion Wrap can be used on irregular shaped objects
- Non-toxic, non-hazardous and ultra low VOCs (under 1%)
- Zinc-free products meet California EPA standards for contact water discharge into ocean
- Cost per square foot less than \$1.00
- 15+ years of protection for Canadian Naval and Canadian commercial marine vessels



Internal void before and after S2S coating



Barge in Gulf of Mexico, coated sections protected after 1 year



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Product Overview

BEST SELLERS

CORROSION SHIELD



- General purpose corrosion inhibitor
- 500+ hrs in salt spray chamber
- Polar bonding
- Displaces water & oxygen
- Dielectric - 36kV
- Low VOCs
- Does not sustain burning
- Minimal surface prep
- Use on bare metal, coated metal, electrical equipment
- Can be sprayed, brushed

Example use: sprayed on entire crane unit to stop corrosion from failed coatings and electrolysis caused by dissimilar metals

HD CORROSION SHIELD



- Heavy duty corrosion inhibitor
- 1000+ hrs in salt spray chamber
- Polar bonding
- Displaces water & oxygen
- Dielectric - 3.2kV
- Low VOCs
- Does not sustain burning
- Minimal surface prep
- Use on bare metal, coated metal
- Can be sprayed, brushed

Example use: long term storage of metal products, areas subject to heavy corrosion due to regular interaction with salt, water, etc.

PLID WRAP



- Anti-corrosion wrap
- 1000+ hrs in salt spray chamber
- Polar bonding
- Displaces water & oxygen
- Dielectric - 3.2kV
- Low VOCs
- Does not sustain burning
- Minimal surface prep
- Stays soft and pliable
- Use on piping, hydraulic/electrical hose connections, tanks
- 1-step application, does not require an additional primer

Example use: sprayed on entire crane unit to stop corrosion from failed coatings and electrolysis caused by dissimilar metals

AUTOMOTIVE RUSTPROOFING



- Designed for applying to automotive vehicles, trailers, etc.
- 300+ hrs in salt spray chamber
- Polar bonding
- Displaces water & oxygen
- Dielectric - 8.7kV
- Low VOCs
- Does not sustain burning
- Minimal surface prep
- Use on undercarriage, hinges, exhausts, etc.
- Can be sprayed, brushed

Example use: sprayed on undercarriages for snow plow vehicles in Nova Scotia

DI-ELECTRIC SPRAY



- Self-healing, non-hardening protective film
- Penetrates existing rust & corrosion
- Polar bonding
- Displaces moisture
- Dielectric - 40kV
- Low VOCs
- Does not sustain burning
- Minimal surface prep
- Apply directly to circuit boards, battery terminals and electronics to halt electrolysis and prevent corrosion

Example use: circuit boards, wires, battery terminals electric motors, electronics switches, connectors

WIRE ROPE CC



- Designed for applying to automotive vehicles, trailers, etc.
- 300+ hrs in salt spray chamber
- Polar bonding
- Displaces water & oxygen
- Dielectric - 8.7kV
- Low VOCs
- Does not sustain burning
- Minimal surface prep
- Use on undercarriage, hinges, exhausts, etc.
- Can be sprayed, brushed

Example use: sprayed on undercarriages for snow plow vehicles in Nova Scotia

	Product Name	Coating Thickness	Coverage (sq ft per gallon)	Dielectric Strength	ASTM B117-18 Salt Spray Test Results
	Anchor Chain Corrosion Control	8-13 mils	150 sq ft/gal	8.92kV	300+ hrs without corrosion
	Bridge & Steel Corrosion Control	8-13 mils	150 sq ft/gal	8.92kV	300+ hrs without corrosion
	Void & Rudder Float Coat	1-4 mils	200 sq ft/gal	36.8kV	500+ hrs without corrosion
	5 in 1 Wipes	1-4 mils	N/A 40.6kV	300+ hrs	N/A