

# Rust Grip<sup>®</sup>



Seal off corrosion with a coating made for any environment.





# Rust Grip®

One-Coat Encapsulation.

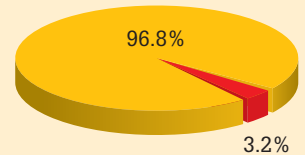


## THE COST OF CORROSION.

*The total direct cost of corrosion to U.S. structures, machinery and other items was determined to be \$279 billion per year, which is 3.2 % of the then U.S. gross domestic product (GDP).*

*Indirect cost to the user (society costs) are conservatively estimated to be equal to the direct costs.*

### United States GDP



- Direct cost of corrosion to U.S. Structures
- United States Gross Domestic Product

*U.S. Department of Labor Statistics. 2010 census.*

**C**orrosion control is a given challenge for many industries with systems exposed to extreme weather and moisture. With Rust Grip®, you can stop the progression of rust and corrosion like never before. Within one hour of application, Rust Grip®

begins to cure by pulling moisture from the air and microscopically swelling into the individual pores of the surface as it hardens. This process seals against any possibility of outside air, moisture, or minerals attacking the surface and

causing further corrosion. Rust Grip® also encapsulates toxic elements such as lead-based paint, asbestos and other biohazardous materials. The success of Rust Grip® in a variety of environments can be seen everywhere from chemical fields, oil fields, oil rigs and

numerous hazardous areas. This widespread use is just one more way that SPI remains an obvious and trusted choice to solve real world problems and conditions.

# RUST GRIP® VS. TRADITIONAL METHODS.

## RUST GRIP®

Rust Grip® is easy to apply and stops the progression of rust and corrosion while protecting the surface far longer than conventional surface gluing and industrial grade rust inhibitors. Traditional methods of corrosion protection have remained unchanged for the past 50 years. These methods require sandblasting, primer preparation and multiple application coats. Rust Grip® only requires minimal preparation and no white sand blasting of the surface.

After one application, it can penetrate deep into and seal the surface, blocking corrosion quickly and effectively.



*Rust Grip® requires minimal preparation and no white sand blasting of the surface.*



*Rust Grip® is tested to encapsulate rust, lead-based paint, asbestos and biohazardous materials.*

*The one-coat application process behind Rust Grip® makes it an efficient and adaptable solution for companies.*



## TRADITIONAL METHODS

Corrosion prevention and protection for the past 50 years has yielded inefficiencies for industries that depend on critical infrastructure. With many of these methods, limited success is achieved because most corrosion coatings are “glue-on-to-surface.” This process doesn’t allow for corrosion to be controlled in the pores of applied surfaces and won’t protect against mold and mildew among other environmental toxins



*Rust Grip® penetrates deep into the pores of and seals the surface from further corrosion.*

### Traditional Methods

### RUST GRIP®

Installation	Requires lengthy sandblasting.	Minimal surface preparation.
Application	Involves multiple coats.	Paint directly on rust and firmly bonded paint.
Moisture Prevention	Limited protection from mold and mildew.	Stops water vapor transmission through electro-chemical freezing.
Longevity	Shorter lifetime endurance.	Penetrates deep into pores of surfaces.
Corrosion	Not effective at blocking long-term degradation.	Adds strength to weakened surfaces.
Repair and Maintenance	Requires continual repair or complete overhaul.	Reduced surface preparation and efficient application yields cost savings.





# RUST GRIP® IN ACTION.

Rust Grip® is used all over the world to help industries in need of innovative corrosion control solutions. Its ability to be applied to metal, concrete and even wood makes it effective for quick application and labor savings. See how

the industries represented here have made simple improvements with Rust Grip® that continues to make all the difference.



*Storage Tank*



*Separation Vessels*



*Pipelines*



*Bridges*



*Metal Roofs*



*Ship Hull*



*Ship Deck*



*Ballast Tank*



*Marine*



*Offshore Drilling Rig*



*Drill Pipe Risers*



*Concrete*



*Corrosion Under Insulation*



*Hoover Dam Bridge*

# PROVEN PROTECTION EFFICIENCY.

## AMERICAN SOCIETY FOR TESTING AND MATERIALS

### Salt Fog Spray Test



- Passed 15,000 hours

### 500 hour scribe test



- Perfect score of 10 at only 150 microns DFT
- No bubbles or undercutting along the scribe

## MICHIGAN CITY, INDIANA – BLUE CHIP CASINO

- Bare, rusted 1-year-old steel was used on boat before application.
- Boat was entirely coated with Rust Grip®
- No white metal blast was required before coating and all corrosion issues were solved.

## VINTON LOUISIANA BRIDGE

- Coated with Rust Grip® in April 1996 for testing in salt air, warm and highly humid environment.
- Other competing corrosion coatings failed.
- Has maintained high performance since original application in 1996.

## NIGERIA OFFSHORE APPLICATIONS

- Years of exposure to saltwater, salt spray, sun, abrasion and extreme temperatures caused excessive deterioration of original coating.
- Two coats of Rust Grip® were applied in addition to Moist Metal Grip and Enamo Grip.
- Piping used for offshore drilling operations was completely restored.

## US ARMY CORPS OF ENGINEERS

- Most consistent performer.
- Exceeded adhesion requirements.
- Outperformed all other coatings.
- Only '3 in 1' coating solution to pass rust evaluation requirement.

## LOUISIANA DEPARTMENT OF TRANSPORTATION

*Leg on the Mississippi 190 Baton Rouge railroad/ passenger car bridge was coated with Rust Grip® "without any prep" in 2003 and inspected in 2010 by NACE III engineering group finding no corrosion and no bleed through, and rechecked in 2013 confirming no corrosion development. From this performance, the QPL (Qualified Product Listing) for Rust Grip® was issued."*



## INDUSTRY COMPLIANT AND TRUSTED

- USDA
- LEED® Compliant
- DNV (Det Norske Veritas)
- Louisiana Department of Transportation
- Mississippi Department of Transportation
- IMO (International Marine Organization)
- ABS (American Bureau of Shipping)
- U.S. Coast Guard
- Tennessee Department of Transportation
- University of Kentucky
- Masdar
- FM Approved

## Top Companies using Rust Grip®

- Halliburton
- Eni S.p.A.
- Pemex Oil
- Saipem S.p.A.
- Chevron Corp.
- Saudi Aramco Oil
- Gazprom Oil
- Shell Global
- ExxonMobil
- Rowan Companies, Inc.
- Drydocks World
- Ecopetrol
- Mubarak Marine



*Rust Grip® experiences no loss in performance over its 15-20 year life expectancy in the harshest environments.*

*Rust Grip® creates an unsurpassed protective surface that's been proven through on-site evaluations and real-world applications.*



## SUPERIOR PRODUCTS INTERNATIONAL PRESENCE

Asia	Europe	Middle East	South America	Central America	Africa	Australasia	North America
Japan	Italy	Saudi Arabia	Venezuela	Mexico	Egypt	Australia	Mexico
China	Germany	UAE	Colombia	Panama	Nigeria	New Zealand	Canada
Taiwan	France	Oman	Brazil	Puerto Rico	Tanzania		U.S.A.
Korea	Belgium		Argentina		South Africa		
Malaysia	Netherlands		Chile		Angola		
Singapore	Turkey						
Indonesia	Greece						
India	Spain						
	Russia						
	Ukraine						

### PROTECTING INDUSTRIES WITH PREMIUM COATINGS.

Industries cannot rely on temporary efficiency when delivering their products and systems. That's why SPI Coatings work for numerous corporations and individuals. Our coatings were made to save you money because of their innovative performance and long-term durability. With an international presence in a wide diversity of markets, SPI brings industries

peace of mind when it comes to combating weather and corrosion. As energy costs become more complex, SPI Coatings continue to push the boundaries of effectiveness and efficiency. SPI offers a system of products refined from remarkably conclusive data and forged under the most rigorous conditions.



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