

RUST BULLET® KEY FACTS

- Aluminum Flakes Modified Polyurethane – Single Component Moisture Cured Coating, High Volume Solid 71%
- Awarded an Unprecedented Two United States Patents
- Combines all existing corrosion protection technologies into one single technology. It is based on multiple layers, renewable, maintenance free concept.
- ECO Friendly - Contains No Lead, No Zinc, No Chromates, No Acids, and No Heavy Metals
- VOC Compliant
- Applies Directly Over Rusted and Clean Surfaces
- Protects Metal, Concrete, Wood, Fiberglass and Many Other Substrates
- Little or No Surface Preparation Required
- Easy to Apply and Maintain
- Apply by Brush, Roller, or Spray Equipment
- Superior Adhesion
- Scratch, Chip, and Chemical Resistant
- UV Resistant - No Topcoat Necessary
- Strong Weather Resistance in All Climates and Below Sea Water
- Performed Better than Most Fire Retardant Coatings in the ASTM E84-04 Test for Surface Burning Characteristics of Building Materials
- Meets the United States Environmental Protection Agency's (EPA) Primary and Secondary Drinking Water Standards
- Awarded a Schedule Contract with the United States General Services Administration (GSA), One of the World's Largest Suppliers of Quality Products to U.S. Federal Government Buyers

TESTING & CERTIFICATES

- ASTM D-4541
Pull Off Adhesion Test : >9Mpa
- ASTM D-2795
Chip Resistant Test: 28 inch pound level of impact
- ASTM D-522
Flexibility Test : 12% elongation
- ASTM D-4060
Abrasion Resistant Test : 14,000 cycles with 1 kg load & CS-10 abrasive wheel
- ASTM D-870
Sea Water Soak Test: 336 hours
- ASTM D-2485
Thermal Stability : 300°C, 72 hours
- ASTM D1654-92
Evaluation Of Paint Subjected to Corrosive
- ASTM B-117
Salt Fog Spray Test : 500 hours
- ASTM D-2337
Thermal Cycling Test: 160°F to -20°F
- ASTM G-23
Accelerated Weathering Test: 168 hours
- ASTM G-80
Cathodic Disbondment Test: 12.8%, 60 days
- ASTM E 84-04
Surface Burning Characteristic Test:
Flame Spread Index = 0
Smoke Developed Index = 5
- IICRC S520
Antifungal Test
- ASTM D257
DC Resistance or Conductance of Insulating Materials Test: 1.8×10^{11} Ohm-cm

RUST BULLET® ASIA PACIFIC

Distributor : PT Findotek
SMS/WhatsApp : +62-8119 202 383
sfwong111@gmail.com
www.findotek.com



RUST BULLET® USAGE BENEFIT

- **Longer life for Equipment** - By protecting the metal with all existing corrosion protection technologies, it will ensure longer serviceability of the equipment
- **Safer Equipment** - By protecting equipment with Rust Bullet® Coating the structural integrity of equipment will be maintained and thus safer.
- **Value Retention** - Equipment maintained in a corrosion free condition will retain a higher value
- **Functionality** - Equipment with proper maintenance schedules will perform at a higher standard
- **Reduce Maintenance Cost & Down-Time**



RUST BULLET
IT KILLS RUST



NO THINNER, NO HARDENER
LITTLE OR NO SURFACE PREPARATION

HOW IT WORKS

When Rust Bullet® is applied over rusted metal, it does not form a film immediately, but rather it penetrates the porous substrate while dehydrating the rust until reaching the metal underneath. The chemical activity in Rust Bullet®'s patented method of protection dehydrates or dries out the rust allowing the resin to solidify into an armor tough coating with phenomenal adhesion. The dehydrated rust becomes intertwined in the resin matrix and remains a permanent part of the coating. If the finished surface becomes chipped, rust will not spread and a simple touch up will re-seal the chip, providing fast, easy, low-cost maintenance, and continued protection. When properly applied and cured, Rust Bullet®'s unsurpassed rust and corrosion protection will provide years of unparalleled protection.

Rust Bullet® performs like a powder coating but without the expense involved with the powder coating process. Rust Bullet® protects various metals, as well as, other substrates including concrete, wood, and fiberglass making it the ideal coating for everything from metal roofs to concrete floors. Rust Bullet® should not be confused with rust converters or rust encapsulators; Rust Bullet®'s unique, superior, patented coating kills rust permanently.

Because Rust Bullet® is resistant to ultraviolet light, applying a topcoat is not necessary. Rust Bullet® Standard is metallic gray in color; if a different color is desired, wait 2-4 hours after the application of the final coat of Rust Bullet® Standard before applying one of the Rust Bullet® Color Shell Topcoats or a topcoat of your choice. The Rust Bullet® TopCoats have been formulated specifically as the optimum topcoat for use with Rust Bullet® Standard, providing the ultimate combination for rust prevention and surface protection.



WHY RUST BULLET®

CONVENTIONAL COATING SYSTEM

SURFACE PREPARATION STANDARD : MINIMUM SSPC SP-10

System	Type	DFT (μ)	Interval Time (hours)	Fully Cured (days)
First	Inorganic Zinc	75	12	
Second	Epoxy	150	6	
Third	Polyurethane	75		
TOTAL		300	18	7

RUST BULLET® COATING SYSTEM

SURFACE PREPARATION STANDARD : SSPC SP-2/3/7

System	Type	DFT (μ)	Interval Time (hours)	Fully Cured (days)
First	Rust Bullet® Std	75	2	
Second	Rust Bullet® Std	75	2	
Third	Rust Bullet® Std	75	2	
Top	Rust Bullet® Std /Color Shell	75		
TOTAL		300	6	3

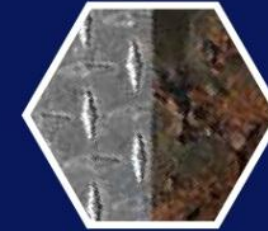
Rust Bullet® Provide Optimum Performance in All Three Environments
 Atmospheric – Thermal Stability, UV Resistance, Water Proof, Flexibility, Heating, Oxidation
 Immersion – Water Proof, Sea Water, High Concentration of Various Chemical
 Underground – Water Proof, Impact Resistance to Ground Water & Soil Forces

Rust Bullet® Coatings feature a unique “self-inspecting” property in that they fail almost immediately if they are incorrectly applied or if there is a problem with the surface preparation. Thus polyurethane coatings can be inspected immediately after application and any defects in the coating will be visible and can be readily remedied. This is not the case with an epoxy coating that requires an extended curing time and multiple step process for remedy.

APPLICATION GUIDE

- Surface Preparation Standard : SSPC SP2, SP3 or SP7 (power/hand tool/Brush Off Blast) or Water Blast
- Remove loose rust, loose scale, oil, salt, and other contaminants. Must Dry
- Do not mix with any Thinner, Curing Agent / Hardener
- Stir with clean and dry wood stick, do not stir with electrical mixer
- Maximum Relative Humidity : 90%
- Application Tools: airless (>2500psi), roller, brush, conventional sprayer
- Thickness per layer : max 75-100 micron DFT
- Interval Recoating per layer : 2-4 hours
- Clean and flush the application tools with MEK / Acetone / Xylene / Toluene
- Do not let dry equipment with Rust Bullet®
- Full cured : 72 hours after application (ready for service)
- Use a NIOSH Approved Respirator with an 8051 Organic Vapor chemical cartridge and an R95 filter attached with a filter cover
- Protective clothing, gloves, and eye protection are recommended during set up, application, and clean up

RUST BULLET® APPLICATION



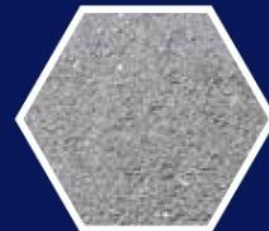
any metal surface
(corroded or non-corroded)



stainless steel



aluminium



concrete

