



# AUTOMOTIVE SOLUTIONS

(ISO 9001 : 2008 Certified Company)

## METAL COATINGS

### Why A.S COATINGS ?

As a single-solution corrosion-blocking coating, A.S Coatings is most suitable for porous substrates. Extensive industrial applications and rigorous laboratory testing have demonstrated that A.S Coatings

- Excellent chemical resistance
- Strong resistance to salt water
- Extremely weather resistant
- Superior resistance to wear
- Excellent adhesion properties

### Metal Coating

Corrosion begins with the penetration of water and chemicals collecting on metal and other porous substrates. What follows is the deterioration of the surface that is a direct result from a reaction with its environment. Unmanaged, corrosion causes premature structural and equipment failures leading to high operating costs and environmental and safety hazards.

Automotive Solutions has problem to restore back all your expensive equipment by doing 4 step procedures. These coatings not only protect metal from Corrosion & Rusting but protects from future damage.

The Application of these coatings can be seen in Plant & Machinery , DG Sets, DI Plants, Water Plants, Parking Lots, Collection Tanks, Neutralization Tanks, Reaction Tanks , Wastewater Treatment, Pier Deck Plates, Bridge Plates, Subway Inner Walls, Subway Tunnels or any metal which is exposed to environment & is supposed to be protected.

### A.S Coatings is Engineered to Resist :

#### The Five Dominant Causes of Corrosion :

Bimetallic Corrosion	Counteracts the corrosive reaction of dissimilar metals.
Penetration of Atmospheric Condition & Chemicals	The non-porous barrier imposed by A.S COATINGS completely seals and protects substrates.
Pitting and Crevice Corrosion	A.S COATINGS is resistant to both neutral and acidic solutions which typically are the roots causes of pitting corrosion.
Stress as a cause of Corrosion	We engineered A.S COATINGS to withstand stress cracking due to thermal fatigue and other stresses.
High Temperature Corrosion	High temperature corrosion begins at approximately 350 F / 177C. A.S COATINGS is developed to withstand high temperature.

### Methods of Metal Surface Preparation

A.S COATINGS can be applied over metal surfaces prepared with the following methods:

- Detergent/Solvent Cleaning
- Power Tool Cleaning
- Commercial Blast Cleaning
- Water Jetting
- Commercial Power Tool Cleaning
- Hand Tool Cleaning
- White Metal Blast Cleaning
- Brush Off Blast Cleaning
- Industrial Blast Cleaning
- Abrasive Sanding

### APPLICATIONS



Rusted Tank



Sanding of Metal



Removal of Rust



Rust Converter Primer



A.S. Coating

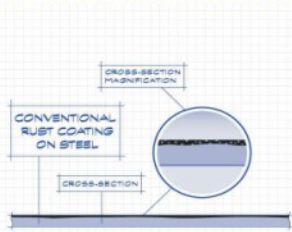


BEFORE

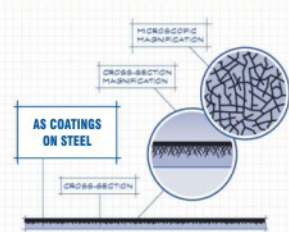


AFTER

### OTHER COATINGS OVER STEEL



### A.S COATINGS OVER STEEL



### When Choosing Protective Coatings Consider the Following:

- The limitations of traditional enamel based systems.
- The causes of corrosion
- Costs of corrosion related maintenance
- Lifecycle costs
- Loss of productive time

**Think AS COATINGS Coatings For Your Corrosion and Asset Protection Needs.**

## AUTOMOTIVE SOLUTIONS

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