



A NuWave Solutions Company

Application Tips and Techniques

Top Coating:

Send questions or comments to info@nuwave-solutions.com or call Toll Free Phone (888) 771-5387 Toll Free Fax (888) 266-2009 Technical questions direct 313-268-5162

NuWave Solutions, offers a rust prevention, zinc-rich cold galvanizing paint process that has long been recognized for its excellent adherence to both new and weathered galvanized surfaces. It has been used in the US for more than 75 y

ears and in Europe for more than century.



Cathodic Protection:

What makes zinc-rich paints successful is their barrier and cathodic protection. A 1960s study by the American Iron and Steel Institute and the Steel Structures Painting Council shows that zinc-rich paints outperformed all other paint classes. In addition, a 1970 nine-year inspection confirms that there was no loss of adhesion to the zinc surface.

How It Works:

These paints possess similar characteristics to a hot-dip galvanized zinc coating. With a high percentage of zinc in the dry film, these paints can synergistically combine with the corrosion inhibition properties of metallic zinc. The zinc dust is integrated with the organic binders. The binders allow the zinc particles to remain in contact with each other, so the zinc paint can provide cathodic protection.

Galvanizing Process:

Per ASTM A780-00, zinc-rich paints are widely used for touch up and help in repairing damaged galvanized coatings. They contain 65% zinc that meet with the specifications without exceeding designations.

Primer and Topcoat in One:

Apart from being used as primers, zinc-rich paints can also be a finish coat for surfaces when a neutral or matching colored is desired. The topcoat feature gives a more attractive finish that does not damage the primer. We advise that you do not use lacquers or alkyd-based topcoats as they react negatively with zinc-rich paints. Specific manufacturer's recommendations must be followed for application and top coating. Proper topcoats include the following:

- Polyvinyl
- Acrylic Latexes
- Polyurethanes
- Polyamide Cured Epoxies

Contact us to inquire about our rust prevention solutions.

Saint Clair Shores Michigan

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