



A NuWave Solutions Company

MIL SPECIFICATIONS

Zinc-rich coatings from Nuwave Solutions & Galv Pro Spray Products such as Galv-Match-Plus™ & Prime-Zinc-Plus™, meet and exceed the performance requirements of the following MIL specs:

MIL-P-46105 (MR) Primer Coating, Weld-Through, Zinc-Rich coatings

One type of ready-mixed, single-package, epoxy-based, zinc-rich primer for use on ferrous metal surfaces prior to spot welding. Key performance requirements include:

Epoxy Resin Content: Positive, Flash Point: Not under 80 deg. F, **Air Drying:** Set to touch within 10 minutes

Dry Hard: Within 20 minutes, Baking at 250 deg. F: Dry through within 60 minutes. **Condition in Container:** Mix to smooth homogenous state.

Storage Stability: 6 months, Spraying Properties: Satisfactorily, Flexibility: Pass 1/8-inch mandrel, Adhesion: Pass tape test, Welding Characteristics: Satisfactory resistance, Water Resistance: No rusting, blistering, or softening after 250 hours' immersion, Salt-Spray Resistance: 250 hours, show no more than slight rusting, not over 5 scattered blisters 1 mm in diameter.

MIL-P-26915B Primer Coating, Zinc Dust Pigmented for Steel Surfaces

Zinc dust primer for use on steel surfaces, be compatible with aliphatic polyurethane and enamel topcoats MIL-C-83286, suitable for use under air pollution regulations. Type I air-dry cure, Class A- Ready mixed single-package. Key performance requirements include:

Water Content: Not over 0.25%, Coarse particles: Not over 0.5% of pigment

Mixing: Easily mixed by hand to form homogenous mass

Settling: None after 5 days of standing undisturbed

Aging: C1.B primer be equal to un-aged material as tested

Compatibility with thinner: 1:1 with mineral spirits TT-T-291, or 1 part of TT-T-548 toluene to 4 parts primer

Storage Stability: one year at 80-100 deg. F, meeting all spec requirements

Applications: Spraying over cleaned and treated steel, at least 2.0 mils film thickness in one cross coat application

Drying: Dust free within 20 minutes, dry through in one hour

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