



Technical Data -Architect Specifications

Super Prime™

Zinc Primer

For Severe Corrosive Conditions

Product Number: ZR-1650

Description: A ready mixed, organic coating that renews worn or damaged galvanized metals and provides the highest degree of cathodic rust prevention available in an organic coating. Meets Federal Specifications MIL-P-21035. Percentage by weight of zinc in dry film is 85%.

Recommended For: Pipe Lines – Storage Tanks – Ship Building – Television Towers – Bridge Construction – Refrigeration Equipment – Harsh Marine Environments – Oil Well Drilling Equipment – Off-Shore Structures – Power Plants - (Not for immersion unless top-coated – For Ferrous Metals Only)

Colors: Gray

Finish: Matte Finish

Physical Characteristics:

Vehicle:	Silicone Alkyd/Pliolite
Solvent:	Xylene
VOC:	3.9 lbs. per gallon (472 gms/liter)
Flash Point:	79°F. Seta Flash
Dry Heat Resistance:	800°F. Continuous, 1000°F. Intermittent
Salt Fog Resistance:	ASTM B117 – 500 hours – No Effect
Elongation:	ASTM D522 – 1/8" Conical Mandrel – Pass
Recommended Film:	3 mils Dry
Theoretical Coverage:	Theoretical coverage is 200 square feet per gallon at 3 mils dry. Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.
Dry Time:	Set to touch in 30 minutes. Can be recoated in 4 hours. Reaches maximum hardness in 48 hours.
Solids by Volume:	45.63%
Weight:	18.94 lbs. per gallon

Viscosity: 75-85 KU
Reducer: Xylene (Do not thin if doing so would result in exceeding VOC limitations)
Clean Up: Xylene
Pot Life: Not Applicable
Shelf Life: Minimum 12 months

Application: Brush, Roller or Spray

Roll: ½" Lambs Wool or 3/8"-1/2" Synthetic Roller Cover. Keep roller wet. Roll in one direction, rewet, then cross roll.

Surface Preparation: For effective cathodic protection, direct zinc contact with bare metal is necessary. Rust, oil, paint, grease and other impurities must be removed. Best results are achieved when a near white metal blast equivalent to SSPC-SP-10 is done.

Mixing: Agitate thoroughly before and during application.

Safety Information: COMBUSTIBLE! HARMFUL OR FATAL IF SWALLOWED. SKIN AND EYE IRRITANT. CONTAINS XYLENE. Keep away from heat, sparks and flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Close container after each use. Avoid contact with skin or eyes. **FIRST AID:** If swallowed, do not induce vomiting. Call physician immediately. In case of eye contact, immediately flush thoroughly with water and call a physician. For skin contact, wash thoroughly. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

HMIS VALUE: H = 2 F = 2 R = 0 PP = F

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