



Technical Data Sheet
#15-ZN Dry-Fall HiTemp Silicone Zinc Primer

#15-ZN HiTemp Silicone Zinc Primer is a 2-Component special silicone copolymer zinc primer that cathodically protects steel and is designed for heat affected zones up to 1000°F. This coating requires a heat cure at a minimum temperature of 250°F for 4 hours or a minimum 475°F to maximum 500°F for 1 hour.

Table with 5 columns: Property, Value, Dry-Time, Normal Application, Hot Application. Rows include Vehicle Type, Pigmentation, Reducers & Reduction, Summer/Winter conditions, Zinc Content, Topcoat, Pot Life, Volume Solids, Theoretical Coverage, Flash Point, and Recommended DFT.

Preparation: Minimum surface preparation should be in accordance with SSPC-SP6 Commercial Blast cleaning when practical. Obtain a 1.0-3.0 mil angular blast profile. For best results and immersion applications, a SSPC-SP5 White Metal Blast is recommended.

Application: To assure Dry-Fall effect, do not apply in temperatures below 45°F, on surfaces below 40°F, or humidity above 85%. Make sure the equipment you are using to spray with will give you accurate PSI readings so that the pressure from the pump can be maintained at 1800 psi allowing a maximum +/- 25 psi for surges.

The following spray equipment is suitable for applying this coating. It is also necessary to keep the material under mild agitation during the application. If spraying stops for more than 10 minutes, recirculate the material remaining in the spray line. Do not leave mixed primer in the hoses during work stoppages.

Reduction: Must Reduce 10-20% with: #30-E Highland VOC Exempt Warm Weather Dry-Fall Reducer for temperatures 80°F and above, #32-E Highland VOC Exempt Cold Weather Dry-Fall Reducer for temperatures below 80°F, #105 Brush and Roll Reducer for Dry-Fall Coatings. If "fingering" occurs during the spray application, increase the amount of thinner, which decreases the viscosity of the paint. Do not increase the pump pressure. Maintain 1800 psi allowing +/- 25 psi for surges.

Method of Application: Conventional Spray or Airless. Conventional Spray, Airless Spray.

Table comparing Conventional Spray and Airless Spray equipment. Columns: Property, Conventional Spray, Airless Spray. Rows: Gun, Fluid Tip, Air Cap, Atomizing Pressure, Pot Pressure, Hose, Brush or Roller, Clean Up.

Safety Precautions: (a) Use normal precautions such as gloves, facemasks, and barrier creams. (b) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow water or diluted Boric Acid, airline respirators. (c) If product comes into contact with skin, wash thoroughly with lukewarm and obtain immediate medical attention. (d) This product contains FLAMMABLE materials. Keep away from sparks and open flames. Observe NO SMOKING regulations. (e) All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools, and to wear conductive, non sparking shoes. (f) Observe low flash regulations. (g) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

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