



## PRODUCT DATA

# TT-P-641G

## Zinc Dust Metal Primer

**Description:** An alkyd zinc dust primer, which exhibits excellent protection of ferrous and hot-dipped galvanized metal surfaces. Contains in excess of 65% metallic zinc in the dry film.

**Typical Uses:** A primer for ferrous and hot-dipped galvanized surfaces. May be topcoated with alkyd and acrylic coatings.

**Special Qualifications:** Federal Specification TT-P-641G Type II, and ASTM A 780

**Dry Temperature Limits:** 250 deg.F

**Surface Preparation:** Surfaces should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

**Thinner:** T-160 Thinner

**Mixing:** Mix liquid portion with an agitator before slowly adding the zinc dust. Mix thoroughly. Do not pour liquid portion into the dust portion. Mix complete units only.

**Application Equipment:** brush, roller, or airless spray using a 45:1 ratio pump with 0.017 (617) to 0.019 (619) inch diameter orifice for airless spray gun tip at a 2,400 psi recommended minimum fluid pressure at tip to obtain proper atomization. An artist brush can be used for touchup of WFT marks and other small repair areas.

### Application Conditions:

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- Dry, dust-free metal surface
- Metal temperature above 40 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 40 deg.F
- Humidity less than 90%
- Material temperature between 40 and 90 deg.F

**Safe Application Conditions:** Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

**Finish:** semi-gloss

**Color:** light gray

**Volume Solids:** 49.4 +/- 2%

**VOC:** 3.27 lbs./gal. (392 g/l), (mixed)

**Flash Point:** 105 deg.F

**Dry Film Thickness:** 2 mils

**Wet Film Thickness:** 4 mils

**Theoretical Coverage:** 792 sq.ft./gal. @ 1 mil

**Dry Time:** @ 77 deg.F (25 deg.C)

Dry to Touch 9 hours

Dry to Recoat 24 hours

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