



## PRODUCT DATA

# W-103

## Acrylic Primer

**Description:** An inhibitive acrylic water based primer lead and chrome-free metal primer for corrosion protection. Product is designed for ferrous, aluminum and galvanized metal.

**Typical Uses:** as a primer coat in a 3-coat system to protect ferrous metal surfaces, such as bridges, tanks and structural steel.

**Dry Temperature Limits:** 160 deg.F

**Surface Cleanliness:** surface should be clean and dry. Remove as much surface contamination as possible.

**Mixing Instructions:** mechanical agitation (jiffy power mixer)

**Application Equipment:** brush, roller, conventional spray or airless spray.

**Application Conditions:**

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- Dry, dust-free metal surface
- Metal temperature above 50 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 85%
- Material temperature between 50 and 90 deg.F

**Thinner:** none required, fresh water, if necessary

**Clean Up Solvent:** fresh water

**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:** low gloss

**Color:** Brown

**Volume Solids:** 37.9 +/- 2%

**VOC:** 1.63 lbs./gal. (193 g/l)

**Flash Point:** >200 deg.F

**Dry Film Thickness:** 3 mils

**Wet Film Thickness:** 8 mils

**Theoretical Coverage:** 608 sq.ft./gal. @ 1 mil

**Induction Time:** n/a

**Pot Life Time:** n/a

**Shelf Life Time:** 1 year

**Dry Time:** @ 70 deg.F

Dry to Touch 4 hours

Dry to Recoat 4 hours, if recoating with other Water-Guard product

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