

Product Description: Red Structural Primer

IRON PRIME¹⁰⁰

PRODUCT CODE: PB55-51132

DESCRIPTION: This structural steel primers was developed specifically for use on ferrous metals as a steel joist shop paint. This structural steel primers may be applied over dry, oil-free, steel surfaces by airless spray, dip, or other suitable methods. This specification includes shop paints that provide protection for steel joists during delivery and erection. Product is weldable and can be topcoated with epoxy, vinyl, chlorinated rubber, alkyd, acrylic, and urethane coatings as well as conventional oil and oleoresinous paints.

PHYSICAL PROPERTIES:

Weight Solids: 69%
Volume Solids: 45%
Resin Type: Alkyd
Gloss: Flat
Theoretical Coverage: 728 square feet at 1.0 mil
Weight per Gallon: 11.2 pounds
Viscosity: #3 Zahn – 23 to 26 seconds at 77° F
EPA VOC: 3.5 pounds per gallon maximum

SURFACE PREPARATION: Service expectancy of a coating is primarily dependent upon good surface preparation. The surface to be coated should be free of mill scale, rust, oil, and other contaminants, including salt deposits.

REDUCTION: Mineral Spirits/VM&P or Aromatics

APPLICATION: Thin with recommended reducer as needed. For additional instructions, consult your Diamond Vogel Industrial representative.

Dry Film Thickness: 1.0 to 2.0 mils

DRY TIMES:

Dry Tack Free: 10 to 15 minutes at 77° F and 50% RH
Dry Through: 3 to 6 hours at 77° F and 50% RH

CLEAN UP: Mineral Spirits or Xylene

SAFETY PRECAUTIONS: See Safety Data Sheet that is available upon request.