



The World's Greatest New Age Construction Materials

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# IRN – Steel Coat

**IRN – Steel Coat:** A two component, multi-purpose, high solids, direct-to-metal (DTM) and direct to prepared concrete chemical resistant amine cured epoxy. IRN – Steel Coat is specially modified with a proprietary blend of selective resins, wetting agents, penetrators and rust inhibitors to provide excellent adhesion to sound, tight, rusty steel surfaces, and to upgrade old, deteriorated coatings. Ideal as a coating system over marginal or poorly prepared surfaces where blasting is impractical or prohibited. Recommended as a high build primer under a wide variety of topcoats. Its solvent content, viscosity and excellent wetting properties make it ideal primer and finish coat on properly prepared concrete and masonry surfaces.

## Product Uses:

IRN – Steel Coat is ideally formulated for structural steel, tanks, vessels, water towers, equipment, pipe lines and racks, metal buildings, fences, catwalks, bridges, railings, fire escapes, flooring as well as other masonry surfaces in chemical processing plants, pulp and paper mills, sewage and waste water treatment facilities, fertilizer plants, petroleum refineries, electric generating stations, coal handling operations, marine installations, etc.

*\*IF used in a severe UV exposed environment, we recommend a topcoat of IRN – Urethane to extend color retention and gloss.*

## Technical Data:

- Colors: Gray, White, Safety Red and Yellow, and a few other standard colors
- Application: Spray, Roller or Brush
- Application Temp: 45°F - 120°F
- Volume Solids: 82%
- Recoat Time: 8 hours @ 75°F
- Pot life: 3 hours
- Recommended Thickness (DFT):
  - Metal: 5-7 dry mils @ 188-263 sq. ft. per gallon
  - Concrete/Masonry: 8-10 mils/coat @ 160-200sq ft/gallon.
- Dry Service Temperature: 150°F
- Mix Ratio: 4:1 by volume (4 parts A to 1 Part B)
- Packaging: 1 gal & 5 gal units
- Shelf Life: 48 months if stored correctly

## Surface Preparation:

Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

*D&D Synergy warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING SALEABLE OR SUITABLE FOR A PARTICULAR PURPOSE.*