



# TECHNICAL DATA SHEET

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DC740 FERRO PRIME BLACK PRIMER  
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**PRODUCT:** A water-base, high-solids primer for ferrous metal. Intrepid's Ferro Prime is a single-component, modified alkyd coating formulated for maximum rust prevention.

**DESCRIPTION:** A highly rust-resistant primer designed for ferrous and non-ferrous metal. Intrepid's Ferro Prime is a high solids product that offers superior adhesion and abrasion resistance. Ferro Prime is fast dry, easy to use and compatible with virtually all industrial topcoats. Formulated with the environment in mind, Ferro Prime is a low "VOC" product that uses water to clean-up. It is also lead and chromate free.

**PROPERTIES:** COLOR..... Black  
SOLIDS (Weight)..... 58 - 60%  
MATERIAL "VOC"..... 200 G/L  
THEORETICAL COVERAGE..... 516 sq.ft/gal  
DRY FILM THICKNESS..... 2.0 to 2.5 mils p/coat  
**DRYING TIME-AT 75 DEGREES F:**  
TO HANDLE..... 30 Minutes  
TO RECOAT..... 2 Hours  
VEHICLE TYPE..... Modified Alkyd  
WEIGHT/GAL..... 10.8 - 11.1 lbs/gal  
**SALT SPRAY**..... 300+ Hours ASTM STD. B117  
**ADHESION**..... 5+ Rating - ASTM STD. D3359  
**ABRASIION**..... -25mg Loss after 500 cycles  
ASTM STD. D4060  
**UV/WEATHER EXPOSURE**...No Blistering, cracking, etc.  
> 5 years exposure in accelerated weathering tester  
**MANDREL BEND**..... 1/8" Mandrel bend - less  
than 30 percent elongation - ASTM STD. D522  
**TEMPERATURE RESISTANCE**..... Up to 250 degrees F



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- ADVANTAGES:**
- (1). Low Volatile Organic Compound Content
  - (2). Excellent Corrosion Resistance
  - (3). Excellent Foundation
  - (4). Extremely Abrasion Resistant
  - (5). Water Reducible
  - (6). Water Clean-Up
  - (7). Low V.O.C.

- USES:**
- (1). Steel
  - (2). Machinery
  - (3). Tanks
  - (4). Bridges
  - (5). Equipment

**APPLICATION & REDUCTION:**

Intrepid's Ferro Prime Primer can be applied by brush, roll or spray. For brushing and rolling, use as is or thin with Water.

For spraying, thin up to 15% or as needed with Water.

Reduce with Cold Weather Reducer for cold/humid conditions.

**SURFACE PREPARATION:**

Surface must be clean, dry and free of all contamination before application. We recommend following SSPC-SP2 when cleaning / preparing ferrous metals.

**STEEL:**

Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

**PRECAUTIONS:**

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

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