



ESTABLISHED 1935

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## TECHNICAL BULLETIN

### P-750

### June 2008

## HERESITE P-750 WASH PRIMER

**Generic Type:** A two package, acid catalyzed zinc chromate wash primer to be used when acid etching or sandblasting is impractical.

**Recommended Usage:** Heresite P-750 is used as a shop primer for bare steel or as a field maintenance primer over steel, aluminum or galvanized steel. It has excellent weathering capabilities when used with the VR-500 Series. P-750 can be brush or spray applied.

### Ordering Information:

#### Shipping Weight:

P-750                      Approx. 10 lbs. / gal.  
S-232 Solvent

#### Flashpoint (T.C.C):

P-750 Coating            23°F (-5°C)

#### Packaging:

P-750 is available in 1 and 5 gallon kits.

#### Shelf Life:

12 months at 70°F (21°C) in unopened containers.

#### Pot Life:

8 hours at 70°F (21°C)

#### Physical Data:

Solid by Weight:        18-19%

Solid by Volume:        10-11%

**Temperature Limitations:** Dry heat temperatures up to 275°F (135°C). Temperature excursions up to 400°F (204°C) can be tolerated for short durations.

**VOC:** 5.9 lbs. / gal. as supplied.

**Standard Color:** Yellow

#### Coverage:

Theoretical coverage - 168 sq. ft. per gallon per mil.  
Recommended total dry film thickness (DFT) is 0.5 to 0.75 mils.

At 0.5 mils DFT average coverage would be 269 sq. ft. per gallon. This includes a 20% loss factor.

**APPLICATION INSTRUCTIONS**

These instructions are not intended to show product recommendations for specific service. They are issued as an aid in determining correct surface preparation, mixing instructions and application. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials. **CAUTION: CONTAINS FLAMMABLE SOLVENTS. KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKMEN MUST WEAR FRESH AIR LINE RESPIRATORS. HYPERSENSITIVE PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRICAL EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST, WORKMEN SHOULD BE REQUIRED TO USE NONFERROUS TOOLS AND TO WEAR CONDUCTIVE AND NONSPARKING SHOES.**

**Surface Preparation:**

Remove all oil, grease, and other contaminants. All seams should be continuously welded, weld splatter removed and all edges radiused. (See Bulletin No. 113, "Fabrication Specification.")

**Mixing:**

Stir Part A thoroughly. Mix equal parts of Part B and Part A (Part B is smaller containers). Mix thoroughly. Mixed material must be used within 8 hours.

**Thinning:**

Normally no thinning is required. If material "cobwebs" while spraying, add a small amount of S-232 Solvent.

**Equipment:**

1. All spray equipment shall be thoroughly cleaned and be free of old paint film and other contaminants.
2. Use standard production type spray guns:
3. Air supply shall be uncontaminated.
4. Airless spray equipment: 1500-1800 PSI liquid pressure. Tip size from .015" to .019".

**Application:**

1. Do not apply if temperature is less than 5°F (2°C) above dewpoint.
2. Adjust air pressure to approximately 80 lbs. at the gun and provide 15 - 20 lbs. pot pressure
3. Adjust spray gun by first opening liquid valve and then adjust air valve to give approximately an 8" to 12" fan.
4. Hold gun perpendicular to the surface at a distance of 12"
5. Apply 2 criss-cross multi-passes maintaining a wet appearing film.
6. Repeat Step #5 until desired film thickness is obtained.
7. Clean equipment immediately with Heresite S-232 Solvent.
8. Let first coat air dry with ventilation for approximately 4 - 6 hours prior to the application of VR-500.

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