

PCS-12250 HYDRO-TECH WATER REDUCIBLE ENAMEL

DESCRIPTION: A water-reducible, high gloss enamel for interior or exterior use, has good color and gloss retention, and the ability to be applied either direct to metal or to previously-painted surfaces.

ADVANTAGES: PCS-12250 is extremely fast drying for a water reducible enamel, exhibiting very good early water resistance. It is V.O.C. compliant and has no flash point, which reduces fire hazards and may lower insurance costs. The wide variety of colors available are all free of both lead and chromate.

As a direct-to-Metal product, PCS-12250 provides the following performance properties when applied at 1.2 – 1.4 dry film thickness:

- Salt Spray (ASTM B117) – 200 hours with no blistering and 1/8 inch maximum scribe creepage.
- Humidity Resistance (ASTM D2247) – 150 hours with no blistering when tested at 100° F, 100% relative humidity.

(Tests performed on untreated cold-rolled steel panels and allowed to air dry (cure) for 14 days.)

When exposed to chemicals, PCS-12250 offers the following chemical resistance for splash/spillage conditions:

- Excellent water and salt water resistance.
- Good resistance to acid and alkalis; to acidic, alkaline, and neutral salt solutions; to some solvents such as VM&P or Mineral Spirits; and most fuels (minimal to mild exposure.)

It is not recommended for immersion service.

USES: PCS-12250 is used to coat machinery, implements, sanitation equipment, shipping containers, structural steel and as a general maintenance finish.

SURFACE PREPARATION: Remove all loose rust, loose paint, oil, grease or other interference materials prior to painting. If a primer is desired, PCS-12155 Water Reducible Primer is recommended.

MIXING: Stir thoroughly before use.

VOC: As supplied:

Excluding water: 2.6 (± 0.20) lbs./gallon

Including water: 1.0 (± 0.20) lbs./gallon

COLORS: Available in a wide range of colors.

NUMBER OF COMPONENTS: One

VOLUME SOLIDS: 28% ± 4

THEORETICAL COVERAGE:

450 sq. ft / mil / gal. (unreduced)

THINNING: None required for brush or roll; or airless spray

GLOSS: 90° +

SUGGESTED FILM THICKNESS:

1.0-1.5 mils DFT over primer

2.0-2.5 mils DFT direct to metal

APPLICATION: Roll, brush, or spray

APPLICATION TEMPERATURE:

40° F to 120° F

DRY TIME: At 77° F, 50% relative

humidity: Dust free: 20 minutes

To handle: 1-2 hours

Recoat: 10-15 minutes

SERVICE TEMPERATURE:

175° F for continuous service

200° F intermittent

PACKAGING: 5-gallon pails and 55-gallon drums

SHELF LIFE: 6 to 12 months unopened containers when stored between 40° F min. and 100° F max.

Manufacturing and Executive Offices:

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THINNING: PCS-12250 will appear heavy bodied in comparison with solvent based paints, especially in colder temperatures. However, do not thin unless necessary to achieve atomization and then do so sparingly--no more than ½ pint of water per gallon.

CLEAN-UP: Warm soapy water.

CAUTIONS: PCS-12250 is not flammable. Components of this product may be skin irritants and/or skin sensitizers. Rubber gloves should be worn to minimize skin contact. Avoid breathing vapors of material. **IF SWALLOWED, DO NOT INDUCE VOMITING.** Call a physician immediately. For eye contact, flush with water.

See material safety data sheet for full precautions prior to use.

PCS-12250 is intended for industrial use only