



Engineered Chemical Coatings Since 1921

PCS-4200 ACRYLIC MAINTENANCE FINISH WATER REDUCIBLE

DESCRIPTION: PCS-4200 is a water based acrylic enamel. It has excellent color and gloss retention.

USES: PCS-4200 is ideal for application over previously coated surfaces and for lightly rusted areas that can only be hand cleaned. It has excellent weather, salt spray, and general chemical resistance. **Not recommended** for use with strong solvents or immersion service. Suitable for use directly on prepared galvanized surfaces. For use on tanks, bridges, siding, structural steel exposed to moderate corrosive atmospheres, pipe galls, and concrete surfaces. It is used in schools and hospitals where its low odor during application and its ease of cleaning are useful.

SURFACE PREPARATION: For most applications, hand cleaning, followed by spot priming with PCS-12155 or PCS-12295, is recommended. Existing finishes in sound condition, but contaminated by oil or grease, should be cleaned by a detergent wash or solvent rinse. Glossy surfaces must be dulled by brush blast, sanding or solvent wipe. **Pre-painted Metal Siding** should be detergent washed using a minimum of a 2500 PSI pressure washer then thoroughly rinsed. **Masonry surfaces** should generally be acid etched or treated by a brush blast; however, spot tests may show good adhesion without treatment. **Weathered galvanized surfaces** should be wiped free of oil, grease, and dirt. **New galvanized surfaces** should be treated with Oakite 33.

THINNING: Use only clean water (see "APPLICATION" for quantities recommended). Use caution when reducing, as small amounts of water result in a significant reduction in viscosity.

COLOR: Available in a range of colors.

GLOSS: 65-75 or as requested.

VOLUME SOLIDS: 36 ± 4%

THEORETICAL COVERAGE:
580 sq. ft./mil/gallon.

APPLICATION: Airless spray preferred; conventional spray, roll, or brush.

NUMBER OF COATS:
1 or 2 at 3 mils DFT each.

APPLICATION TEMPERATURE:
50° F - 100° F

DRY TIME: To Touch: 30 minutes
To Recoat: 2 hours at 75° F

SERVICE TEMPERATURE: Not recommended for continuous use above 175° F.

PACKAGING: 1 and 5-gallon pails and 55-gallon drums.

SHELF LIFE: 12 months minimum in unopened containers stored inside.

**Do NOT store above 90° F.
Keep from freezing.**

(Continued)

Manufacturing and Executive Offices:

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APPLICATION: Stir well before using. **For airless spray** a 25:1 ratio unit is recommended with a .015" orifice, 60° fan. Fluid Pressure should be about 1800 psi. **PCS-4200** will appear heavy bodied compared to solvent based systems; do not reduce unless necessary to achieve atomization and then do so sparingly--no more than ½ pint of water/gallon as a start. Do not attempt to apply wet films less than 5 mils as this will result in pinholes. A 7 mils wet film will yield about 3 mils DFT. **For conventional spray** reduce with no more than 1 pint water/gallon. Use DeVilbiss MBC-510 gun with E needle and a #704 aircap or equivalents. **PCS-4200** may be applied to damp surfaces. Remove standing water with clean air before coating. **PCS-4200** will be dry to recoat in 2 hours at 75° F.

CLEAN-UP: Use warm soapy water. Do not delay clean-up as the coating develops some toughness as soon as the water has evaporated.

CAUTIONS: **PCS-4200 is not flammable.** Components of this product may be skin irritants and/or skin sensitizers. Rubber gloves should be worn to minimize skin contact. Practice caution and good personal cleanliness to avoid skin and eye contact. Avoid breathing vapors of heated material.

If swallowed, do not induce vomiting. Call a physician immediately. For eye contact, flush with lots of water. In case of skin contact, wash thoroughly with soap and water.

See Material Safety Data Sheet for full precautions prior to use.

PCS-4200 is intended for INDUSTRIAL USE ONLY.