



Chemline 4200PW

Polyurethane Corrosion Control Coating for Steel Structures

Description

Chemline 4200PW is a 1:1, fast-set, spray applied two-component polyurethane coating. It is 100% solids and contains zero VOCs. When cured, it is highlighted by:

- √ Outstanding chemical resistance
- √ Very good abrasion resistance
- √ Unlimited color availability
- √ Certified to meet NSF/ANSI 61 standards for potable water
- √ Certified to meet UL-SU-2215—Oil Water Separators for Interior Corrosion Protection Coatings

Application Recommendations

Chemline 4200PW adheres extremely well to properly prepared grit blasted steel without the use of a primer. **Chemline 4200PW** should be applied through a two component, heated, high pressure proportioning unit (1A:1B) capable of dynamic spray pressures of 2000-2400 psi.

For further detail consult the **Chemline 4200PW** Material Standard and seek a Chemline Technical Representative for application training.

Packaging, Storage & Shelf Life

Chemline 4200PW is available in 55 gallon drums and 275 gallon totes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Safety

Chemline 4200PW is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to use.

Application Properties

Property	Value
Gel time	40 seconds
Tack free time	60 seconds
Recoat window	10-20 minutes

Physical Properties

Property	Value
Color	Light Blue
Hardness, Shore D, D-2240	77 D
Tensile strength, D-638	>5000 psi
Adhesion to steel (SP10, 3.0 mil), D-4541	>2000 psi
Impact strength (direct), C-14	>40 lbs
Elongation, D-638	6 %
Flexibility (180° bend over 1/8 inch mandrel), D-522	Pass at 15 mils
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles), D-4060	60 mg loss
Cathodic disbondment, G-8	<8 mm
Application temperature	40-120°F

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

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