



CHEMLINE 3100-DCL

Technical Data

DESCRIPTION: Chemline 3100-DCL Damp Conditions Liner is formulated for adhesion to damp or wet surfaces. It has excellent moisture tolerance, chemical and abrasion resistance in corrosive atmospheres. Chemline 3100-DCL is not affected by water, gasoline, oil, brine, most acids and alkalines. It has excellent adhesion to damp or wet concrete, wood, steel, masonry and the ultra dense surface outlasts the metal or concrete it replaces.

RECOMMENDED USES: Ventilating Systems - Trough Walls - Chutes - Tanks - Foundations - Conveying Tunnels - Acid Pits - Trenches - Sand Hoppers - Conveyor Troughs - Cyclones - Clarifiers - Pipe Elbows - Fourdrinier Pits - Pumps - Metal Pans

CHEMICAL RESISTANCE: Excellent chemical resistance. Contact Parker's Technical Department for specific needs.

PHYSICAL CHARACTERISTICS:

FINISH: Smooth - Glossy

VOLUME SOLIDS: 100%

FLASH POINT: 200 deg. F., Closed cup.

SUGGESTED THICKNESS: 1/8"

THEORETICAL COVERAGE: 11 sq. ft. per batch at 1/8" thickness.

COLOR: Not applicable

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SURFACE PREPARATION: NEW CONCRETE must have minimum of 28 days cure, and no curing agents or sealers shall be used. Remove oil, grease or other loose foreign materials and contaminants. A good bonding tooth is necessary. To provide bonding tooth, prepare the surface by sandblasting, scarifying, shot blasting or acid etch. OLD CONCRETE: Remove all powdery and weak concrete. Make sure all wax, dirt, grease and other contaminants have been removed. Once the concrete has been cleaned, one of the above methods shall be used to prepare. All surfaces must be dry before application. Damp surfaces, please consult Parker's Technical Department. METAL SURFACES: Should be cleaned by solvent degreasing followed by abrasive blasting to near white SSPC-10-70 or NACE #2 with a 4 mil minimum anchor pattern or "tooth".

MIXING: Empty the contents of Part A into Part B and stir thoroughly for approximately two minutes. Empty the mixture into a mixer or mortar box and slowly mix in Part C. Mix approximately three minutes.

POT LIFE: The working pot life of the blend is approximately 30 minutes. Always pour mixed batches as soon as blended.

TEMPERATURES: Material temperature should be 70 deg. F. to 85 deg F. for at least 48 hours before application. Do not apply when surface temperature is below 50 deg. F. Maximum service temperature is 140 deg. F. Dry heat. Chemline 3100-DCL should not be stored at temperatures below 32 deg. F. or higher than 85 deg. F. for long periods of time

CURE TIME: Maximum chemical resistance seven days at 77 deg. F.

APPLICATION: Spread mixed mortar evenly over surface. Build up low spots to desired thickness using margin trowel or steel finishing trowel. Finish each batch as you go. If using primer, Chemline 3000-DCL must be applied before primer has hardened. Primer will harden in approximately one hour at 70 deg. F. If primer hardens before liner is applied, it must be whip blasted removing all gloss before topcoating with liner.

CLEAN UP: Cured or hardened Chemline liners are almost impossible to remove. Clean tools and equipment immediately with lacquer thinner.

CAUTION: It is recommended that the personnel observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis. Do not use in confined space or closed area without adequate ventilation. This product may be irritating to eyes and skin. Avoid contact with liquid components A and B and keep mortar from touching tool handles and clothes. Use coveralls, goggles, rubber gloves or protective cream. Always wash thoroughly with soap and water after use. Should accidental eye contact occur, wash thoroughly with water and consult a physician immediately. U.S. Department of Labor approved material data sheet for this coating is available upon request.

LIMITED WARRANTY: The Manufacturer warrants this product to be free from defects in material and workmanship under normal use and service for a period of one year of the date of purchase. The Manufacturer's sole liability shall be limited to replacing this product if, within one(1) year of the date of purchase, it is shown to be defective. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. THE MANUFACTURER SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY KIND. This warranty shall not be extended, altered or varied except by a written instrument signed by the Manufacturer.