

CHEMLINE 3000-LDL

Technical Data

DESCRIPTION: Chemline 3000-LDL Light Duty Liner is a monolithic liner formulated for chemical and abrasion resistance in corrosive atmospheres. Chemline 3000-LDL is not affected by water, gasoline, oil, brine, most acids or alkalines and cured quickly under adverse temperature conditions. It has excellent adhesion to concrete, wood, steel, masonry and the ultra dense surface outlasts the metal or concrete it replaces. It is easy to apply, inexpensive and the rapid cure minimizes down time.

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

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.

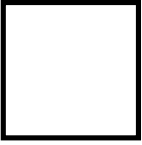
SUGGESTED THICKNESS: 1/8"

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

COLOR: Not applicable

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Application Data

SURFACE PREPARATION: New concrete must have a 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 following methods shall be used to acid etch. All surfaces must be dry before application. Damp surfaces, 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".

PRIMER: Mixture of one part of Chemline 3000-LDL Part A and one part of Chemline 3000-LDL Part B.

MIXING: Empty the contents of Part A into Part B and stir thoroughly for approximately 2 minutes. Empty the mixture into a mixer or mortar box and slowly mix in part C. Mix approximately 3 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 of 125 deg. F. dry heat.

CURE TIME: Chemline 3000-LDL will harden in about 8 hours at 70 deg. F. Cure time is 72 hours at 70 deg. F. The higher the temperature the faster the cure. For example at 170 deg. F. Chemline 3000-LDL will cure in approximately 4 hours.

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-LDL 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. US 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 (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.