

3500-EAR

Extreme Abrasion Resistance

Technical Data

DESCRIPTION: Parker Chemline 3500-EAR thermal setting liner is a monolithic liner initially designed for the extreme abrasion resistance and chemical resistance needed in the coal industry. This very durable liner has excellent adhesion to concrete, metal and wood. The excellent abrasion resistant finish is not affected by water, gasoline, oil, brine, most acids and alkalines. Chemline 3500-EAR should be used wherever the ultimate in abrasion resistance is required.

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 degrees F. Closed cup.

SUGGESTED THICKNESS: 1/8"

THEORETICAL COVERAGE: 11 square feet per batch at 1/8" thickness

COLOR: Black

STORAGE: Should not be stored at temperatures below 32° F. Or higher than 85° F. For long periods of time. Unmixed components of Part A and B have a minimum shelf life of one year.

PACKAGING: 1 unit = 3 batches

1 batch = 1 can Part A liquid

1 can Part B liquid

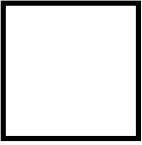
1 carton Part C aggregate

SHIPPING WEIGHT:

USDA APPROVAL:

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and know-how, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendation, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.

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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, shotblasting 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 1 to 1, Part A and 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.

IMPORTANT:

The working pot life of the blend is approximately 30 minutes. Check Chemline data sheet. Always pour mixed batches as soon as blended.

POT LIFE:

TEMPERATURES: Do not apply when surface temperature is below 50° F. Maximum service temperature is 170° F. Material temperature should be 70° F. to 85° F. For at least 48 hours before

CURE TIME: Chemline will harden in about 8 hours at 70° F. To 85° F. For at least 48 hours before application.

Maximum chemical resistance 7 days @ 77° 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 liner must be applied before primer has hardened. Primer will harden in approximately 1 hour at 70° 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 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 warm 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 is available.

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 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.