



Atlas Minerals & Chemicals, Inc.



DATA SHEET

WS-0 (12-99²)
Supersedes (May 1990)

EPOXYBOND WATERPROOF SEALANT

DESCRIPTION AND USES

EPOXYBOND WATERPROOF SEALANT is a two-part, liquid epoxy coating especially compounded for waterproofing below grade walls and floors subjected to hydrostatic pressure.

EPOXYBOND WATERPROOF SEALANT stops leaks and waterproofs various concrete and masonry surfaces. When applied to substrates, such as basement walls and basement and garage floors, it forms a permanent, tough, high gloss, easy-to-clean coating capable of withstanding repeated cleaning with various commercial and industrial detergents. The high gloss surface can be slippery when wet. A non-skid surface can be obtained by sprinkling fine sand into the final coat before it dries. One brush coat provides a thick finish coat of approximately 15 mils. The high solids formulation minimizes sagging when applied on vertical surfaces. EPOXYBOND WATERPROOF SEALANT will not become brittle due to age. It is unaffected by many acids, alkalies, oil, gasoline and detergents.

PACKAGING AND COVERAGE

EPOXYBOND WATERPROOF SEALANT

6 x 1-Quart (2 lb. [907 g.] ea.) units / carton each containing:

- One - 1 lb. 12 oz. (794 g.) can Resin
- One - 4 oz. (113 g.) can Hardener
- Coverage - Approx. 40 sq. ft. per gallon Unit

4 x 1-Gallon (8 lb. [3.6 kg.] ea.) units / carton each containing:

- One - 7 lb. (3.2 kg.) can Resin
- One - 1 lb. (454 g.) can Hardener
- Coverage - Approx. 160 sq. ft. per gallon Unit

SURFACE PREPARATION

All surfaces to be coated must be brushed clean of all loose paint, dust, or similar contaminants. Efflorescence should be cleaned with a wire brush. A dilute vinegar rinse (1 cup of water to 1 cup of vinegar) can be used to remove efflorescence. Oil and grease spots should be washed with a commercial degreaser or grease dissolving detergent. Previously painted surfaces must be sanded or wire brushed to remove gloss and loose material.

MIXING

Pour the entire contents of the smaller container (Hardener) into the larger can containing the Resin and mix thoroughly. Mix must be used within 30 minutes at 70°F (21°C) to 80°F (27°C) or contents will harden in the can. Apply a heavy coat with a 2" to 3" paint brush over the problem areas. Allow 10 hours for drying at 75°F (24°C). At temperatures below 75°F (24°C), drying time will be extended. **DO NOT APPLY WHEN TEMPERATURE IS BELOW 60°F (16°C).**

APPLICATION

Below Grade Walls and Floors - In basements, water seepage usually occurs at the wall-floor intersection. A heavy coating of EPOXYBOND WATERPROOF SEALANT should be applied at the junction of the wall and floor extending at least 6 inches onto the floor and at least one block high on the wall. If the area of leakage can be pinpointed, extend the coating at least three inches past this point. On porous surfaces, such as cinder block, coverage will be less (approximately 25 sq. ft. per one quart unit). Two coats are recommended. Apply second coat within 48 hours. If second coat is applied after 48 hours, the surface must first be sanded and cleaned. Although EPOXYBOND WATERPROOF SEALANT can be applied to a damp surface, the drier the surface being coated, the better the protection. Flowing water must be sealed with a quick setting hydraulic cement before applying EPOXYBOND WATERPROOF SEALANT.

Outdoor Applications - Apply a topcoat using a good commercially available outdoor paint because ultraviolet rays from the sun will cause chalking and embrittlement. EPOXYBOND WATERPROOF SEALANT may be painted after allowing to dry for 24 hours. Prior to painting, wash the surface with soap and water. After it has been in place for more than one week or if exposed to excessive high humidity during application, a blush may appear on the surface.

CLEANING

Equipment should be cleaned with soap and warm water before the materials referred to in this Data Sheet begin to set. Methyl Ethyl Ketone (MEK) or alcohol will have to be used after the material has begun to harden. Brushes may be cleaned with commercially available paint strippers or brush cleaners.

DISPOSAL

Dispose of residues and wastes in accordance with the directions in the Material Safety Data Sheets and government regulations.

STORAGE AND SHELF LIFE

Store all materials in a cool, dry environment. Keep all materials out of direct sunlight. Ideal storage temperature is 75°F (24°C). Protect from freezing. In unopened original containers, the materials referred to in this Data Sheet have a shelf life of approximately one year.

PRECAUTIONS

The materials referred to in this Data Sheet present handling and potential health hazards. Consult Material Safety Data Sheets and the container labels for complete precautionary information.

TECHNICAL SERVICES

ATLAS maintains a staff of Technical Service Representatives who are available to assist you with the use of ATLAS products. In the event of difficulties with the application of ATLAS materials, the installation should be stopped immediately and ATLAS' Technical Service Department consulted for assistance.

WARRANTY

ATLAS warrants that its products will be free from defects in workmanship and materials under normal use for a period of one (1) year from the date of shipment by ATLAS (provided the products are installed before the expiration of the shelf life). THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR THE PURPOSE FOR THIS PRODUCT WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ATLAS' LIABILITY FOR ALLEGED BREACH OF THIS WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT (BUT NOT INCLUDING REMOVAL OF THE DEFECTIVE PRODUCT OR INSTALLATION OF REPLACEMENT PRODUCTS). ATLAS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES DURING THE WARRANTY PERIOD OR THEREAFTER. **ATLAS WARRANTY IS VOIDED IF PAYMENT FOR PRODUCT IS NOT RECEIVED IN FULL.**