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WATER-BASED EPOXY COAT

Protect and renew concrete in heavy wear areas

DESCRIPTION AND USES

An extremely tough, decorative industrial floor coating. Waterbased Epoxy Coat is a two-component epoxy finish for use on interior concrete and wood floors. It is resistant to oil, solvents and harsh cleaning chemicals and can stand up to heavy traffic. Suitable for use in factories, warehouses, workshops, showrooms: anywhere durability and easy maintenance are important. Available in High Gloss and Matte finishes.

PACKAGING

One gallon kit (128 fl oz)

APPEARANCE

Gloss or matte finish

PRODUCTS

High Gloss Finish

B170507 - Silver Gray Kit

B170406 - Mid Gray Kit

B170810 - Tile Red Kit

Matte Finish

B170546 - Silver Gray Kit

B170447 - Mid Gray Kit

B170848 - Tile Red Kit

COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle

J510002 - 18" Replacement Roller

J510004 - 4" Brush

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SURFACE PREPARATION

The concrete surface must be clean, dry and free of loose material. New concrete should be allowed to cure for 28 days prior to coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with detergent or other suitable cleaner. Rinse thoroughly. Use Cemetch[®] to remove unsound laitance and create a proper surface profile to the concrete. Rinse thoroughly and allow to dry before application of the Water-based Epoxy Coat. Note: Concrete floors on grade must be free of moisture transmission from the ground. If there is any doubt about the dryness of the concrete, conduct a test by simply taping a piece of 4 mil plastic sheet 18" by 18" on the bare concrete for 24 hours. Be sure to tape all four sides. After 24 hours, check the concrete for signs of moisture. The concrete will be darker if damp. If moisture is found, allow additional drying time (10-14 days) and repeat test. Persistent moisture transmission will prevent proper performance of the coating, please contact a Watco Industrial Flooring Expert at (855) 627-6350 for assistance. Also, check for curing compound or other types of sealers by pouring a small amount of water onto the concrete. If water soaks in, the surface is suitable for coating. If water beads up on the concrete, the surface is not porous and a test application is warranted to ensure proper adhesion will develop. Sanding or mechanical abrading may be required if proper adhesion does not develop. Previously coated floors need to be in good sound condition with proper adhesion to the concrete substrate. Check the adhesion of the previous coating by cutting a small X in the coating using a sharp razor knife, firmly apply a piece of 2" duct tape over the center of the X cut, then pull off with a fast snap. The coating is suitable to topcoat if no significant previous coating is removed beyond the X cut. If the coating fails this test, then additional surface preparation is required. It is recommended previously coated floors be sanded and vacuumed prior to application of the Water-based Epoxy Coat

COVERAGE

Coverage will vary with the porosity and the degree of surface profile of the concrete. For the purpose of estimating coverage, assume 250 sq. ft. per kit.

MIXING

Combine the base and activator components. Use a paint paddle or spatula to scrape out and transfer as much of the material as possible. Mix the components thoroughly until an even, uniform color is achieved. If using a power mixer use a paint paddle or spatula to blend in any unmixed material from the sides and bottom of the pail. Do not mix more than one unit at a time. Immediately pour the material into a roller pan and do not delay application. The pot life is 2 hours, less at higher ambient temperatures, and unused material will get hot and may pose a hazard.

APPLICATION

Apply in a well ventilated area when the air and surface temperatures are between 60-70°F (16-32°C). Use a good quality lint free 3/8" nap roller with a phenolic core. A brush may be used for cutting in along walls. Do not exceed the maximum published coverage rate per coat. Some colors may darken slightly as it cures and it should not be over rolled. Two coats on most surfaces will produce a tough, mid gloss finish. Surfaces of higher than normal porosity may require further coats.

CURING TIME

At 70°F and 50% Relative Humidity the coating typically has the following cure times. 12 hours @ 60-70°F; full chemical resistance in 7 days. Allow 7 days cure before washing the floor.

CLEAN UP

Coverage will vary with the porosity and the degree of surface profile of the concrete. For the purpose of estimating coverage, assume 250 sq. ft. per kit.

PHYSICAL PROPERTIES

VOLATILE ORGANIC COMPOUNDS	<50g/l
PRACTICAL COVERAGE	Approximately 250 sq. ft. kit, two coats are required
CURING TIME	12 hours at 60-70°F; full chemical resistance in 7 days
POT LIFE	2 hours, less at higher ambient temperatures
STORAGE	It is important to store the product between 60-77°F for at least 8 hours prior to use; do not allow product to freeze
SHELF LIFE	2 years
FLASHPOINT	>200°F (94°C)

WARNING: FOR INDUSTRIAL AND COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.

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