



Clear Coat

Protective clear epoxy coating for interior applications

DESCRIPTION AND USES

Clear Coat is an easy to apply, two-component epoxy floor coating for protecting bare or to refresh previously coated concrete floors. It has excellent durability and chemical resistance and it is virtually odorless.

Clear Coat is commonly used in commercial and institutional facilities like schools, cafeterias, showrooms, locker rooms and more. Ideal for foot traffic and rubber-wheeled vehicle traffic.

PRODUCTS

B621952 - Clear Coat
WR256673 - Clear Coat Base / Activator

COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle
J510002 - 18" Replacement Roller
J510004 - 4" Brush

PACKAGING

Short-Filled One Gallon Kit (120 fl.oz.)

APPEARANCE

High Gloss finish

watco®

strong and reliable

SURFACE PREPARATION

NEW, UNCOATED CONCRETE: New concrete should be allowed to cure for 30 days before application of any coating. 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. If moisture persists, concrete surface cannot be coated. 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 sanding or mechanical abrading may be required to prepare the concrete for coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with a suitable cleaner. Rinse with water. Etch concrete with Cemetch™. Rinse thoroughly and immediately, and allow to dry. Very dense, non-porous or chemically treated concrete may require sanding or mechanical abrading to assure proper coating adhesion.

PREVIOUSLY COATED CONCRETE: 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 removal of the previous coating may be required. Remove loose dirt, dust and paint by sweeping or vacuum cleaning. Remove grease, oil, floor compound or wax as indicated above. Very glossy or hard coatings should be lightly sanded to insure maximum adhesion. Clear Coat should not lift most previous coatings. Conduct a small test patch if there are any concerns about coating compatibility. Concrete floor areas which require patching should be free of dirt, oil, grease and other chemical contaminants. Loose cement and previous paint should also be removed.

MIXING

Combine the base and activator by power mixing. Mix at 500- 750 rpm for 1-3 minutes. Do not overmix or use higher speeds. This can introduce air into the coating causing

MIXING (CONT.)

small bubbles in the finish. It is very important to transfer as much activator as possible, scrape the sides and bottom of the container thoroughly. Mix the two components together for 1-3 minutes being careful to not pull air into the mixture. **NOTE:** Do not scrape the sides or bottom of the mixed container. Use only the material that flows naturally out of the container. Doing so may result with unactivated material from the sidewall of the container being applied. This will cause soft spots in the coating.

APPLICATION

Be sure the floor is clean, dry, and dust free. If needed, vacuum to remove dust and debris. Apply only when air, material and floor temperatures are between 60-85°F (15.5-29°C). Use a good quality phenolic core roller with a 3/8" lint-free nap. Do not excessively over roll and make all final passes in the same direction. For best results, maintain a wet edge and end application at natural breaks in the floor like control joints or expansion joints. Use in well ventilated areas.

CURING TIME

Light foot traffic: 10 hours. Normal service: 24-48 hours. Vehicle traffic: 72-96 hours. Recoat: 10-24 hours, Do not exceed 48 hours.

COVERAGE

Bare concrete: Approximately 250 sq.ft./gal. (6.2 m²/l).
Coated surface: approximately 400 sq. ft./gal. (9.8 m²/l).

CLEAN UP

Clean up equipment with Xylene.

PHYSICAL PROPERTIES

VOLATILE ORGANIC COMPOUNDS	<100 g/l (0.83 lbs./gal.)
PRACTICAL COVERAGE	Bare concrete: approximately 250 sq.ft./gal. (6.2 m ² /l) Coated surface: approximately 400 sq. ft./gal. (9.8 m ² /l)
MIXING RATIO	2:1 base to activator (by volume)
INDUCTION PERIOD	None
POT LIFE at 70-80°F & 50% RH	90 minutes (Higher temperature will shorten pot life.)
DRY TIMES at 70-80°F (21-27°C) and 50% Rel. Hum.	Light foot traffic 10 hours. Normal service 24-48 hours. Vehicle traffic 72-96 hours
RECOAT	10-24 hours; Do not exceed 48 hours
SHELF LIFE	5 years
FLASHPOINT	Base component: 31°F; Activator: 234°F
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.