



Chemi-Coat

High performance chemical resistant gloss coating

DESCRIPTION AND USES

Chemi-Coat is a chemical resistant epoxy resin paint, designed to withstand chemical spills. Using a single coat, Chemi-coat's advanced formula delivers a durable and ultra resistant surface. This heavy duty, gloss floor and wall coating is virtually odorless, hygienic and easy to wipe clean.

PRODUCTS

B11102127 - Black	(WT7500012A1W Base/Resin / WT7500003A1W - Act.)	
B11103128 - Dark Gray	(WT7500105A1W Base/Resin / WT7500012A1W - Act.)	
B11105129 - Silver Gray	(WT7500012A1W Base/Resin / WT7500012A1W - Act.)	
B11104132 - Navy Gray	(WT7500012A1W Base/Resin / WT7500353A1W - Act.)	
B11138130 - Mid Blue	(WT7500186A1W Base/Resin / WT7500012A1W - Act.)	
B11139131 - Mid Green	(WT7500012A1W Base/Resin / WT7500352A1W - Act.)	
B11108135 - Tile Red	(WT7500360A1W Base/Resin / WT7500012A1W - Act.)	
B11115134 - Safety Yellow	(WT7500012A1W Base/Resin / WT7500136A1W - Act.)	

COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle
J510002 - 18" Replacement Roller
J510006 - Paint Mixer
J510004 - 4" Paint Brush

PACKAGING

1.05 Gallon Kit

APPEARANCE

Gloss finish

watco®

strong and reliable

SURFACE PREPARATION

Concrete and Brick: Concrete to be treated must be dry, at least four weeks old and free of any soft surface laitance, contaminants, and not subject to rising damp. All loose material should be removed. Very smooth bare concrete or concrete with soft surface laitance should be etched with Watco Cemetch® and the area thoroughly hosed off and allowed to dry. Grease or oil should be removed with Watco Bio-D (or similar degreaser) and the area thoroughly hosed off and allowed to dry. Very smooth previously painted surface should preferably be abraded to improve adhesion. 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 Chemi-Coat. On bare concrete there is a risk of outgassing from small pinholes and voids in the concrete during the curing of the coating which will form outgas bubbles in the finish. To greatly reduce the risk of outgas bubbles we recommend that bare concrete be first primed with either the 4 Hour Epoxy Primer or the Powerfloat Primer. Refer to the primers' Technical Data Sheets for more information and application instructions. **NOTE:** Outgassing only occurs when there is a rise in temperature causing air trapped in pinholes to expand. The risk of outgas bubbles can also be reduced by avoiding application of the coating during times of the day where temperatures may increase.

Steel: Remove loose or flaking material, rust and any previous coatings by wire brushing or disc grinding to achieve a bright surface. Grease or oil should be removed with Watco Bio-D and the metal then washed with water and allowed to dry. Coating should be carried out immediately providing flash rusting has not occurred.

PRIMING

Watco 4 Hour Epoxy Primer is recommended for open textured or very porous surfaces to prevent air bubbles appearing in the coating. Watco Powerfloat Primer is recommended before applying Watco Chemi-Coat to power floated concrete or to quarry tiles. Otherwise no primer is usually necessary.

MIXING

Do not mix more than one pack at a time. Remove the two inner cans from the tall outer can. Pour all of the contents of the two smaller cans into the large outer can (scrape around the inside of the cans to remove any residue). Mix the components together very thoroughly using a spatula or similar wide bladed tool (a piece of wooden batten is ideal). It is quicker to use the Watco Paint Mixer, or a paint stirrer fitted to an electric drill, but you should also use the spatula to blend in any unmixed material from the sides and bottom of the can. Continue mixing until an even color and consistency are obtained. Transfer the mixed material into a shallow paint tray and apply immediately.

APPLICATION

Best results are obtained in warm conditions (minimum 60°F). On horizontal surfaces apply by medium pile type roller (not foam) in one coat. On vertical surfaces two thin coats are recommended. The second coat should be applied within 24 hours.

CURING TIME

Chemi-Coat will cure overnight at 60°F to accept light traffic the next day, and full chemical and water resistance is achieved over seven days (at a minimum constant temperature of 60°F). Temperatures of 50°F and below will slow down or arrest the curing. Avoid washing the floor for seven days after coating.

COVERAGE

Approximately 190 sq. ft per pack per coat. One coat is generally sufficient.

CLEAN UP

While strong solvent will remove Chemi-Coat from rollers, it may be more practical to dispose of them.

PHYSICAL PROPERTIES

VOLATILE ORGANIC COMPOUNDS	<100 g/l
PRACTICAL COVERAGE	One gallon will cover approximately 190 sq. ft. per kit; one coat is generally sufficient
CURING TIME	Overnight at 60°F to accept light traffic the next day
POT LIFE	30-45 mins. at 60°F
STORAGE	The product must be stored for at least eight hours prior to use at a temperature range of 60°F minimum and 77°F maximum; avoid extremes of temperature; DO NOT ALLOW THE PRODUCT TO FREEZE; do not apply in temperatures of less than 60°F
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.