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Chemi-Coat Rapid

Same chemical resistance as Chemi-Coat but in 1/4 of the time

DESCRIPTION AND USES

Watco Chemi-Coat Rapid is a tough floor coating which hardens rapidly and has good resistance to spillages of a wide range of chemicals. This easy to mix, two-part epoxy resin formula cures rapidly to form a high build (250-300 micron thick) glossy coating.

PRODUCTS

B11202136 – Black	WT7500003A1W Base/Resin / WT7500016A1W Act
B11203137 – Dark Gray	WT7500105A1W Base/Resin / WT7500016A1W Act
B11205138 – Silver Gray	WT7500102A1W Base/Resin / WT7500016A1W Act
B11204141 – Navy Gray	WT7500353A1W Base/Resin / WT7500016A1W Act
B11238139 – Mid Blue	WT7500186A1W Base/Resin / WT7500016A1W Act
B11239140 – Mid Green	WT7500352A1W Base/Resin / WT7500016A1W Act
B11208144 – Tile Red	WT7500360A1W Base/Resin / WT7500016A1W Act
B11215143 – Safety Yellow	WT7500360A1W Base/Resin / WT7500016A1W Act

COMPANION PRODUCTS

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

PACKAGING

1.05 gallon

APPEARANCE

Gloss Finish

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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 fl ash 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

At 60°F recoat after 4-5 hours. Foot and light traffic may be allowed after approximately 5-6 hours. Normal traffic may be allowed the next day. Full wear and chemical resistance is achieved over 7 days.

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.

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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	20 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.