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# EPOXICOTE HIGH BUILD RAPID

Epoxicote High Build Rapid uses a unique formula that cuts curing time to a minimum.

## DESCRIPTION AND USES

Epoxicote High Build Rapid will provide a glossy, hygienic and easy to clean surface which is resistant to very heavy wear and a wide range of chemicals. It has been formulated with a ceramic additive which offers excellent abrasion resistance and improved stain protection.

## PRODUCTS

B10705111 - Silver Gray (WT7500102A1W Base / WT7500016A1W Act.)  
 B10702109 - Black (WT7500003A1W Base / WT7500016A1W Act.)  
 B10738112 - Mid Blue (WT7500186A1W Base / WT7500016A1W Act.)  
 B10715116 - Safety Yellow (WT7500136A1W Base / WT7500016A1W Act.)  
 B10708117 - Tile Red (WT7500360A1W Base / WT7500016A1W Act.)  
 B10704114 - Navy Gray (WT7500353A1W Base / WT7500016A1W Act.)  
 B10703110 - Dark Gray (WT7500105A1W Base / WT7500016A1W Act.)  
 B10739113 - Mid Green (WT7500352A1W Base / WT7500016A1W Act.)

## COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle  
 J510002 - 18" Replacement Roller  
 J510004 - 4" Brush  
 B290036 - 4 - Hour Epoxy Primer  
 B1430618 - Powerfloat Base Coat

## PACKAGING

1.05 gallon

## APPEARANCE

Gloss Finish

## APPEARANCE

Approximately 190sq. ft per 1.05 gal unit per coat.  
 One coat is generally sufficient.

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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<sup>®</sup> 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. See the Technical Data Sheet for more information. 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 Epoxicote High Build. 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.

## MIXING

Pour all of the contents of the smaller cans into the large outer can, taking care to scrape out any sediment. Mix the components together very thoroughly using a spatula or similar wide bladed tool (a piece of wooden batten is ideal). Continue mixing until an even color and consistency are obtained. Do not mix more than one unit at a time. If a paint stirrer fitted to an electric drill is used, also use the spatula to blend in any unmixed material from the sides and bottom of the can.

## 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 2 thin coats are recommended.

## CURING TIME

High Build Epoxicote Rapid - 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.

## CLEAN UP

While strong solvent will remove Epoxicote from rollers, it may be more practical to dispose of them. IMPORTANT: Once the contents of the pack have been mixed a chemical reaction takes place which creates heat, and the product should therefore be used immediately. Food products must be removed from the area during application and cure. SAFETY: It is advisable to wear rubber gloves when using the product. Avoid contact with the skin and eyes. If contact occurs with the eyes flush with water and seek medical advice. Material Safety Data Sheets are available on request.

**FOR PROFESSIONAL USE ONLY.**

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## PHYSICAL PROPERTIES

<b>VOLATILE ORGANIC COMPOUNDS</b>	<50 g/l
<b>PRACTICAL COVERAGE</b>	Approximately 190sq. ft. per 1.05 gal unit per coat. One coat is generally sufficient
<b>CURING TIME</b>	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.
<b>POT LIFE</b>	20 mins. at 60°F
<b>STORAGE</b>	Store at a minimum temperature of 60° F and a maximum temperature of 75° F for 8 hours prior to use
<b>SHELF LIFE</b>	2 years
<b>FLASHPOINT</b>	>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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