

tough & easy
watco[®]
 watcofloors.com



Epoxicote High Build

High build protection from wear, oils and contamination

DESCRIPTION AND USES

Epoxicote High Build is a virtually solvent free epoxy resin coating offering excellent chemical and abrasion resistance suitable for interior use on concrete, wood and metal. It is ideal for heavily trafficked areas that require an extremely tough and durable coating with excellent chemical resistance to oil, solvents and harsh cleaning chemicals.

PRODUCTS

B10605102 – Silver Gray	B10615107 – Safety Yellow
B10602100 – Black	B10608108 – Tile Red
B10638103 – Mid Blue	B10604105 – Navy Gray
B10639104 – Mid Green	B10603101 – Dark Gray

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

Coverage

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

tough & easy
watco[®]
 watcofloors.com

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 Cementch[®] 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 - The product will cure overnight at 60°F to accept light traffic the next day, and full chemical and water resistance is achieved over 7 days (at a minimum constant temperature of 60°F). Temperatures of 50°F and below will slow down or arrest the curing of the product. Water should not be allowed to lie on the surface for at least 7 days. Avoid washing the floor for 7 days after coating.

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. Safety Data Sheets are available on request.

FOR PROFESSIONAL USE ONLY.

tough & easy
watco[®]
 watcofloors.com

Watco Industrial Flooring, Inc.
 11 Hawthorn Pkwy., Vernon Hills, IL 60061
 (855) 627-6350 • Fax: (855) 627-6351

©2016 Watco Industrial Flooring

**PHYSICAL PROPERTIES**

VOLATILE ORGANIC COMPOUNDS	<100 g/l
PRACTICAL COVERAGE	Approximately 190sq. ft per 1.05 gal unit per coat. One coat is generally sufficient
CURING TIME	12 hours at 60°F
POT LIFE	Approximately 30-45 minutes@ 60° F
STORAGE	Store at a minimum temperature of 60° F and a maximum temperature of 75° F for 8 hours prior to use
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.