



**EPOXYSHIELD®  
BASEMENT FLOOR COATING**

**DESCRIPTION AND USES**

EPOXYShield® Basement Floor Coating is a two component, water-based epoxy designed for finishing concrete basement floors that are in good sound condition and are free of curing agents and sealers. EPOXYShield Basement Floor Coating will provide resistance to staining and wear. It is not intended for use on unsound previous coatings or floors that have a moisture problem.

**PRODUCTS**

203007	Gray Satin
203008	Tan Satin
225446	Tint Base

**PACKAGING**

Floor Coating comes as a kit  
 Part B Base 104 fl. oz. (3.08 liters)  
 Part A Activator 16 fl. oz. (0.47 liters)  
 Decorative chips – Additional chips in various color combinations can be purchased separately

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

Allow new concrete to cure for a minimum of 28 days. Sweep away all loose dirt and debris. Remove any oil spots, grease or spills and wash the floor with a suitable detergent or degreasing solution and rinse. Then wash the floor using EPOXYShield® Heavy-Duty Degreaser (sold separately) or an all purpose household cleaner. Allow the surface to completely dry before coating.

**PREVIOUSLY COATED FLOORS**

Make sure the floor is clean and dry. Use a wire brush to remove any loose or peeling paint or stain. If floor is sealed, the sealer will have to be removed by grinding or shot blasting. To ensure proper adhesion, scuff sand the entire surface.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**PRODUCT APPLICATION (cont.)**

**MIXING**

Premix both components (Parts A and B) thoroughly to ensure any settled pigment is re-dispersed before adding the activator (Part A) to the base (Part B). It is critical to add all of Part A to Part B and mix for 3 minutes. Do not mix the color chips in with the coating. Allow the coating to stand 15 minutes before using. Mix again just prior to application. The activated coating must be used within 16 hours after mixing.

**APPLICATION**

Apply only when air, material, and surface temperatures are between 60-85°F (15-29°C) and the surface temperature is at least 5°F (3°C) above the dew point. The relative humidity should not be greater than 85%. After allowing for the induction period, cut in the perimeter of the floor along the wall, or other areas where a roller cannot reach, using a brush or edger before beginning roller application. Use a synthetic ½" nap roller cover on a 9" roller frame to apply an even coat of EPOXYShield Basement Floor Coating onto the surface. Limit the application to 4x4 foot (1.2x1.2m) sections at a time to make it easier to distribute the colored chips onto the freshly coated surface. Scatter the decorative chips up and away from you so they land flat on the wet paint, then continue on to the next section. Note: Fresh paint can be applied over the loose chips lying outside the previously painted area. Maintain a wet edge to prevent lap marks and gloss differences. Only one coat is necessary under most circumstances. Any activated material must be used within 16 hours of initial mixing.

**CLEAN-UP**

Wash tools and equipment with warm water and a mild detergent immediately after use. To remove dried product use lacquer thinner. Clean up drips or spatters IMMEDIATELY with water as dried paint is very difficult to remove. Properly dispose of all roller covers and soiled rags.



# TECHNICAL DATA

## BASEMENT FLOOR COATING

### PHYSICAL PROPERTIES

		Basement Floor Coating
Resin Type		Amine cured epoxy
Pigments		Varies with color
Solvents		Diethylene Glycol Monomethyl Ether Water
Weight*	Per Gallon	9.9-10.1 lbs.
	Per Liter	1.18-1.21 kg
Solids*	By Weight	44.7-45.3%
	By Volume	34.0-34.5%
Volatile Organic Compounds*		<250 g/l (2.08 lbs./gal.)
Mixing Ratio		7:1 Base to Activator (by volume) (104 fl. oz to 16 fl. oz.)
Recommended Dry Film Thickness (DFT) Per Coat		3.0-3.5 mils (75-87.5μ)
Wet Film to Achieve DFT (Unthinned Material)		9.0-10.0 mils (225-250μ)
Theoretical Coverage at 1 mil DFT (25μ)		545-553 sq.ft./gal. (13.4-13.6 m <sup>2</sup> /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		150-200 sq.ft./gal. (3.7-4.9 m <sup>2</sup> /l)
Induction Period		15 minutes
Pot Life at 70-80°F (21-27°C) and 50% Relative Humidity		16 hours
Dry Times at 70-80°F (21-27°C) and 50% Rel. Hum.	Foot Traffic	24 hours
	Vehicle Traffic	3 days
Shelf Life		5 years
Safety Information	Flash Point	0°F (32°C)
	Warning!	<b>FOR ADDITIONAL INFORMATION, SEE MSDS.</b>

\* Activated material  
 Calculated values are shown and may vary slightly from the actual manufactured material

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