



# EPOXYSHIELD® LOW VOC PREMIUM CLEAR COATING

## DESCRIPTION AND USES

Rust-Oleum® EpoxyShield® Low VOC Premium Clear Coating is a two component, high solids, high performance epoxy coating designed for application to concrete floors.

## PRODUCTS

263997 Low VOC Premium Clear

## APPEARANCE

Gloss transparent finish.

## PACKAGING

Floor Coating comes as a kit  
 264117 Part B: Base – 80 fluid ounces (2.4 liters)  
 264263 Part A: Activator – 40 fluid ounces (1.2 liters)  
 225398 Anti-Skid Additive  
 Stir Stick  
 Instruction Sheet

## PRODUCT APPLICATION

### SURFACE PREPARATION

Allow new concrete to cure for a minimum of 28 days. Remove any oil spots, grease, or spills and wash the floor with EpoxyShield® Heavy Duty Degreaser or a suitable detergent or degreasing solution. Thoroughly rinse with fresh water. Then etch the floor using Rust-Oleum® Concrete Etch.

**PREVIOUSLY COATED FLOORS:** Make sure the floor is clean and dry. For previous coatings, 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. If using the anti-slip additive (recommended), it should be added slowly and thoroughly mixed at this time. Once the product is mixed, do not let stand. The activated coating will become very warm if not used immediately. The activated coating must be used within 90 minutes after mixing.

### APPLICATION

All pilot lights or open flames in the area must be extinguished due to the flammability of the solvents in the coating. Pilot lights or open flames must remain extinguished for a minimum of 24 hours following application of the EpoxyShield® Low VOC Premium Clear Coating.

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%. The minimum floor temperature for painting is 55°F (13°C). Pour a portion of the admixed material into a lined paint pan. Immediately begin to 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 3/8" nap roller cover on a 9" roller frame to apply an even coat of EpoxyShield® Low VOC Premium Clear Coating onto the surface. Limit the application to 4x4 foot (1.2x1.2m) sections at a time. Maintain a wet edge to prevent lap marks and gloss variations. Make all final passes in the same direction to ensure uniform appearance. Coated floor may become slippery when wet. Use of the Anti-Skid Additive (included) is strongly recommended. If using the anti-slip additive, continue to stir the admixed material periodically to ensure additive does not settle in the pan. Only one coat is necessary under most circumstances. EpoxyShield® Low VOC Premium Clear must be used within 90 minutes following initial mixing to ensure even gloss.

### CLEAN-UP

When finished, wash tools and equipment with xylene or acetone. Clean up drips or spatters **IMMEDIATELY** with xylene or acetone as dried paint is very difficult to remove. Properly dispose of all soiled rags.

**TECHNICAL DATA**
**EPOXYSHIELD® LOW VOC PREMIUM CLEAR COATING**
**PHYSICAL PROPERTIES**

		<b>EPOXYSHIELD LOW VOC PREMIUM CLEAR COATING</b>
<b>Resin Type</b>		Amine cured epoxy
<b>Solvents</b>		Oxsol100, Methyl Acetate
<b>Weight*</b>	<b>Per Gallon</b>	9.0 lbs.
	<b>Per Liter</b>	1.1 kg
<b>Solids*</b>	<b>By Weight</b>	87.6%
	<b>By Volume</b>	86.5%
<b>Volatile Organic Compounds*</b>		<50 g/l (0.41 lbs./gal.)
<b>Mixing Ratio</b>		2:1 Base to Activator (by volume)
<b>Recommended Dry Film Thickness (DFT) Per Coat</b>		2.0-5.0 mils (50-125µ)
<b>Wet Film to Achieve DFT (Unthinned Material)</b>		3.0-7.0 mils (75-175µ)
<b>Theoretical Coverage at 1 mil DFT (25µ)</b>		1,387 sq.ft./gal. (34.1 m <sup>2</sup> /l)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		500 sq.ft./gal. (23 m <sup>2</sup> /l) on painted surfaces 250 sq.ft./gal. (46 m <sup>2</sup> /l) on bare concrete
<b>Induction Period</b>		None
<b>Pot Life @ 70-80°F (21-27°C) and 50% Rel. Hum.</b>		90 minutes
<b>Dry Times at 70-80°F (21-27°C) and 50% Rel. Hum.</b>	<b>Lt. Foot Traffic</b>	10 hours
	<b>Hv. Foot Traffic</b>	24 hours
	<b>Vehicle Traffic</b>	4 days
<b>Shelf Life</b>		5 years
<b>Safety Information</b>	<b>Flash Point</b>	Base Component: 44°F (7°C) • Activator Component: 206°F (127°C)
	<b>Contains</b>	—
	<b>Warning!</b>	<b>FOR ADDITIONAL INFORMATION, SEE MSDS.</b>

Calculated values may vary slightly from the actual manufactured material.

\*Activated material.

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