

RUST-OLEUM®

EASYCLEAR™ EPOXY MAINTENANCE FLOOR COATING

DESCRIPTION AND USES

EASYCLEAR™ is a two component, low VOC epoxy floor coating.

This coating system is designed for new or old uncoated or previously coated industrial concrete floors exposed to foot and rubber-tired vehicle traffic.

PACKAGING

EASYCLEAR™ is packaged in a kit containing a short filled gallon of #264625 Clear base component and a short filled gallon of #264626 Activator. The kit number is #256673.

Kit Size:

Activator: 0.31 gal. (40 fl. oz.) in a 1 gallon container

Base Component: 0.62 gal. (80 fl. oz.) in a 1 gallon container

Yield: 0.94 gal. (120 fl. oz.)

APPEARANCE

High-gloss finish.

PRODUCT APPLICATION

SURFACE PREPARATION

NEW, UNCOATED CONCRETE: New concrete should be allowed to cure for 30 days before application of any coating. 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. If moisture persists, concrete surface cannot be coated. 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 sanding or mechanical abrading may be required to prepare the concrete for coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with Industrial Pure Strength® 3599 Cleaner/ Degreaser, detergent, or other suitable cleaner. Rinse with water. Etch concrete with 108 Cleaning & Etching Solution. Rinse thoroughly and immediately, and allow to dry. Very dense, non-porous or chemically treated concrete may require sanding or mechanical abrading to assure proper coating adhesion.

PREVIOUSLY COATED CONCRETE: 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 removal of the previous coating may be required. Remove loose dirt, dust and paint by sweeping or vacuum cleaning. Remove grease, oil, floor compound or wax as indicated above. Very glossy or hard coatings should be lightly sanded to insure maximum adhesion. EASYCLEAR™ should not lift most previous coatings. Conduct a small test patch if there are any concerns about coating compatibility. Concrete floor areas which require patching should be free of dirt, oil, grease and other chemical contaminants. Loose cement and previous paint should also be removed. The 5499 Concrete Patching Compound, or Turbokrete™ Concrete Patching Compound can be used to repair damaged areas of the floor. Refer to the product Technical Data Sheet for more information.



TECHNICAL DATA

EASYCLEAR™ EPOXY MAINTENANCE FLOOR COATING

PRODUCT APPLICATION (cont.)

MIXING

Combine the base and activator by power mixing. Mix at 500-750 rpm for 1-3 minutes. Do not overmix or use higher speeds. This can introduce air into the coating causing small bubbles in the finish.

It is very important to transfer as much activator as possible, scrape the sides and bottom of the container thoroughly. Mix the two components together for 1-3 minutes being careful to not pull air into the mixture.

NOTE: Do not scrape the sides or bottom of the mixed container. Use only the material that flows naturally out of the container. Doing so may result with unactivated material from the sidewall of the container being applied. This will cause soft spots in the coating.

APPLICATION

Be sure the floor is clean, dry, and dust free. If needed, vacuum to remove dust and debris. Apply only when air, material and floor temperatures are between 60-85°F (15.5-29°C). Use a good quality phenolic core roller with a 3/8" lint-free nap. Do not excessively over roll and make all final passes in the same direction. For best results, maintain a wet edge and end application at natural breaks in the floor like control joints or expansion joints. Use in well ventilated areas.

THINNING

Not required.

CLEAN-UP

Xylene.

EQUIPMENT RECOMMENDATIONS

ROLLER: Use a high quality short nap 3/8" lint-free roller with a phenolic core.



TECHNICAL DATA

EASYCLEAR™ EPOXY MAINTENANCE FLOOR COATING

PHYSICAL PROPERTIES

Resin Type		Polyamine converted epoxy
Solvents		Methyl acetate, exempt halogenated solvent
Weight*	Per Gallon	9.0 lbs.
	Per Liter	1.1 kg
Solids*	By Weight	77.5%
	By Volume	76.1%
Volatile Organic Compounds*		<50 g/l (0.42 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		2-5 mils (50-125μ)
Wet Film to Achieve DFT		3-7 mils (75-175μ)
Theoretical Coverage at 1 mil DFT (25μ)		1,221 sq. ft./gal. (30.0 m ² /l)
Practical Coverage at Recommended DFT		Bare concrete: approximately 250 sq.ft./gal. (6.2 m ² /l) Coated surface: approximately 400 sq. ft./gal. (9.8 m ² /l)
Mixing Ratio		2:1 base to activator (by volume)
Induction Period		None
Pot Life @ 70-80°F & 50% RH		90 minutes**
Dry Times at 70-80°F (21-27°C) and 50% Rel. Hum.	Light foot traffic	10 hours
	Normal service	24-48 hours
	Vehicle traffic	72-96 hours
	Recoat	10-24 hours; Do not exceed 48 hours
Shelf Life		5 years
Safety Information	Flash Point	Base component: 31°F; Activator: 234°F
	Warning!	WARNING. HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.

*Activated material

**Higher temperatures and larger quantities of activated material will significantly reduce pot life.

Calculated values are shown and may vary slightly from the actual manufactured material.