

RUST-OLEUM®

RUST-OLEUM® EASYCLEAR®

EPOXY MAINTENANCE FLOOR COATING

DESCRIPTION AND USES

Rust-Oleum® EasyClear® is a two component, low VOC epoxy floor coating. This coating system is designed for new or old uncoated or previously coated interior industrial concrete floors exposed to foot and rubber-tired vehicle traffic.

PRODUCT

SKU	DESCRIPTION (High Gloss Clear)
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256673	EasyClear Kit
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SKU	DESCRIPTION (Kit Contents)
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264626	Part A Activator 41.76 fl. Oz. (0.33 gallon)
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264625	Part B Base 78.24 fl. Oz. (0.61 gallon)
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NOTE: Combined components yield 120 fl. Oz. (0.94 gal.)

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 (ASTM D4263) 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 if proper adhesion does not develop.

Remove all grease, oil, dirt, and other contaminants by cleaning with Krud Kutter® Cleaner Degreaser, detergent, or other suitable cleaner and rinse with fresh water. Etch concrete with 108 Cleaning & Etching Solution. Rinse thoroughly and immediately and allow to dry. Very dense, nonporous or chemically treated concrete may require sanding or mechanical abrading to ensure 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 (ASTM D3359A), then removal of the previous coating may be required.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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 ensure 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.

MIXING

Combine the base and activator by power mixing. Mix at 500-750 rpm for 1-3 minutes. Do not over mix 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 not to 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 (16-29°C). Use a good quality phenolic core 3/8" nap roller cover. Do not overwork or excessively roll and make all final passes in the same direction. For best results, maintain a wet edge and end the application at natural breaks in the floor like control joints or expansion joints. Use in a well ventilated area. On new or uncoated concrete, two coats of product should be applied. Allow coated floor to cure 7 days before mopping or washing.

THINNING: Not required.

CLEAN-UP: Xylene.

EPOXY	TECHNICAL DATA	CS-21
	RUST-OLEUM® EASYCLEAR® EPOXY MAINTENANCE FLOOR COATING	

PHYSICAL PROPERTIES

		EASYCLEAR
Resin Type		Polyamine Converted Epoxy
Solvents		Methyl Acetate
Weight*	Per Gallon	9.0 lbs.
	Per Liter	1.1 kg
Solids*	By Weight	94.3%
	By Volume	93.0%
Volatile Organic Compounds*		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		3.0-5.0 mils (75-125μ)
Wet Film to Achieve DFT		3.5-5.5 mils (87.5-137.5μ)
Practical Coverage at Recommended DFT		Bare concrete: approximately 250 sq.ft./gal. (6.2 m ² /l) Coated concrete: approximately 400 sq.ft./gal. (9.8 m ² /l)
Mixing Ratio		1.87:1 base to activator (by volume)
Induction Period		None
Pot Life @ 70-80°F and 50% RH		90 minutes**
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Light Foot Traffic	24 hours
	Vehicle Traffic	48 hours
	Recoat	10-24 hours. Do not exceed 48 hours.
	Full Cure	7 days to achieve full chemical resistance properties
Shelf Life		5 years
Safety Information		For additional information, see SDS

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

*Activated material

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

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, Illinois 60061

Phone: 877-385-8155
www.rustoleum.com/industrial

Form: GDH-372
Rev.: 082020