

RUST-OLEUM®

6200 SYSTEM FAST-CURE EPOXY FLOOR COATING

DESCRIPTION AND USES

The 6200 System Fast-Cure Epoxy Floor Coating is a two component, epoxy coating designed for use on concrete floors in mild to moderate industrial environments. It is suitable for areas with heavy foot traffic, fork lift traffic and mild chemical spills.

This solvent based coating offers easy application by roller and brush, dries quickly, and requires only minimal surface preparation.

PRODUCTS

Component	Description
251768	Dunes Tan Base Component
251767	Silver Gray Base Component
251770	Activator

APPEARANCE

Semi-gloss.

PACKAGING

The 6200 System is packaged in a one gallon kit. Each kit contains the base component and activator.

1 gallon kit	Description
251765	Dunes Tan Kit
251763	Silver Gray Kit

PRODUCT APPLICATION

SURFACE PREPARATION

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 repeated tests continue to indicate the presence of moisture, contact Rust-Oleum Technical Service for assistance. 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. Contact Rust-Oleum Technical Service for detailed information.

Remove all grease, oil, dirt, and other contaminants by cleaning with 3599 Industrial Pure Strength® Cleaner/Degreaser, detergent, or other suitable cleaner and rinse with fresh water. This is best accomplished using a standard floor scrubber/polisher with a heavy duty stripping pad (such as 3M 7300 or similar).

For optimal performance, acid etch or shot blast the concrete to remove laitance and create surface profile. Acid etch can be done if the concrete is free of curing agents or sealers. Etch the concrete with 108 Cleaning & Etching Solution. Rinse thoroughly and immediately, and allow to dry. After completion, the concrete should have a texture, which resembles fine grit sandpaper. Repeat the process if necessary. Consult with the 108 Cleaning & Etching Solution Technical Data Sheet, Form 1069, for complete application instructions.

The floor should be dry and dust free prior to application. Vacuum to remove fine dust and debris.

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. Contact Rust-Oleum Technical Service for assistance.



TECHNICAL DATA

6200 SYSTEM FAST-CURE EPOXY FLOOR COATING

PRODUCT APPLICATION (cont.)

MIXING

Both the base and activator components are highly pigmented. Mix each component thoroughly to ensure any settled pigment is re-dispersed before combining the components together. Once combined, mix thoroughly for 2-3 minutes. Power mixing is preferred. Do not mix more material than you plan to use within the listed pot life.

APPLICATION

Apply only when air and surface temperatures are between 50-100°F (10-38°C), surface is at least 5°F above the dew point and relative humidity is below 85% during and after application. Apply by roller using a good quality 3/8" synthetic nap cover. Avoid applying excessive material. Do not allow the coating to puddle. The coating should be applied within the published coverage rate of 175-350 sq. ft. per gallon. The coverage rate will vary depending on the porosity and surface texture of the concrete. See coverage rate on Page 3. On new or uncoated concrete, two coats of product should be applied. Do not thin. The coated floor will be ready for foot traffic 5 hours after application of the final coat. The coating will be ready for full use in 48-72 hours at 70-80°F and 50% relative humidity. Allow coated floor to cure 5 days before mopping or washing. Use Rust-Oleum 200 Anti-Skid Floor Coating Additive for skid resistance where oil or water spillage is a problem.

CLEAN-UP

160 Thinner or MEK.

**TECHNICAL DATA****6200 SYSTEM FAST-CURE EPOXY FLOOR COATING**

FAST-CURE EPOXY FLOOR COATING			
Resin Type		Amidoamine or Polyamide converted Epoxy	
Inhibitive Pigment		Calcium Borosilicate	
Solvents		Aromatic hydrocarbons, ketones and alcohols	
Weight*	Per Gallon	12.1-13.2 lbs.	
	Per Liter	1.4-1.5 kg	
Solids*	By Weight	81.3-83.5%	
	By Volume	68.3-69.8%	
Volatile Organic Compounds*		<250 g/l (2.08 lbs./gal.)	
Mixing Ratio		1:1 Act.:Base (by vol.)	
Recommended Dry Film Thickness (DFT) Per Coat		2.5-5.5 mils (62.5-137.5µ)	
Wet Film to Achieve DFT (unthinned material)		3.5-8.0 mils (87.5-200.0µ)	
Theoretical Coverage at 1 mil DFT (25µ)		1095-1120 sq. ft./gal. (26.9-27.6 m²/l)	
Practical Coverage at Recommended DFT (assumes 15% material loss)		Concrete Surface	Coverage
		Smooth	300-350 sq. ft./gal. (7.4-8.6 m²/l)
		Medium	200-300 sq. ft./gal. (4.9-7.4 m²/l)
		Rough	175-200 sq. ft./gal. (4.3-4.9 m²/l)
Induction Period		None required	
Pot Life**	1 gallon	2-4 hours at 70°F (15°C)	1-2 hours at 90°F (32°C)
Dry Times at 70°F (21°C) and 50% Relative Humidity	Recoat	4 hours	
	Light traffic	5 hours	
	Heavy traffic	48-72 hours	
Dry Heat Resistance		300°F (149°C), Color may shift above 150°F (66°C)	
Shelf Life		2 years. Some settling may occur requiring mechanical mixing to redisperse pigment.	
Safety Information	Flash Point	Base	80°F (27°C)
		Act.	15°F (-9.5°C)
	Contains		No lead added
	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. **Pot life is affected by air temperature, amount of material activated and quantity of thinner used. Avoid activating large quantities at temperatures above 80°F (27°C). At temperatures above 90°F (32°C), the pot life of unthinned material in 5 gallon pails may be very short (less than one hour).

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

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

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