

RUST-OLEUM®**HARD SURFACE PRIMER****DESCRIPTION AND USES**

Concrete Saver® Hard Surface Primer is a two component, water-based epoxy primer designed to improve the adhesion of paints and coatings to difficult substrates. It is specially formulated as a primer for hard, smooth surfaces. It can be applied to hard troweled concrete, quarry tiles, ceramic tiles and aluminum to aid the adhesion of subsequent coatings. Overcoat with most types of floor paint.

This product complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

PRODUCTS

SKU	Description
313973	120 fl oz kit. Contains both components

APPEARANCE

Flat Gray Primer

PRODUCT APPLICATION**SURFACE PREPARATION**

New concrete should be allowed to cure for 30 days before application of any coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with Krud Kutter® Original Cleaner Degreaser, detergent or other suitable cleaner and rinse with fresh water. Existing coatings should be well bonded and sound.

PRODUCT APPLICATION (cont.)**SURFACE PREPARATION (cont.)**

Previously coated floors need to be in good 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, additional surface preparation is required.

MIXING

Combine the base and activator components. Power mix the material using a 3" Jiffier Mixer or Hanson Plunge Mixer. Mix at 500-750 rpm for 2-3 minutes, making sure a uniform color is achieved. Do not delay the application. The useable pot life is 90 minutes. 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 50-85°F (10-29°C) with the surface is at least 5°F above the dew point and the relative humidity is below 85% during and after application. Use a good quality, lint free 3/8" nap roller with a phenolic core. A brush may be used for cutting in along walls. Avoid excessive film thickness.

DRY AND RECOAT TIMES

The coated floor will be ready for foot traffic in 2-3 hours. Allow 8 hours prior to application of the desired finish coat. The finish coat must be applied within 7 days.

COVERAGE

Approximately 250-350 square feet per activated gallon.

CLEAN-UP

Tools and equipment should be washed in warm soapy water before the product starts to cure. Accidental splashes of components prior to mixing can only be removed with MEK.



TECHNICAL DATA

HARD SURFACE PRIMER

PHYSICAL PROPERTIES

Resin Type		2-Component Water-based Epoxy
Pigment Type		Titanium Dioxide, Carbon Black
Solvents		Water
Weight*	Per Gallon	11.9 lbs.
	Per Liter	1.43 kg
Solids*	By Weight	67%
	By Volume	53%
Volatile Organic Compounds*		0 g/l
Mixing Ratio		4:1 base to activator by volume
Induction Period		None required
Pot Life		90 minutes
Recommended Dry Film Thickness (DFT) Per Coat		2.0-3.0 mils (50-75µ)
Wet Film to Achieve DFT (unthinned material)		4.0-6.0 mils (100-150µ)
Theoretical Coverage at 1 mil DFT (25µ)		850 sq.ft./gal. (20.9 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		Approximately 250-350 sq.ft./gal. (6.2-8.6 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Foot Traffic	2-3 hours
	Apply Finish Coat	8 hours
	Full Cure	7 days
Shelf Life		Base Component 3 years; Activator 2 years (unopened containers)
Safety Information		For additional information, see SDS

*Activated material.

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