RUST-OLEUM®

Concrete Protection Systems

8000 SYSTEM OVERKRETE® V

PREMIUM 100% SOLIDS EPOXY COATING

PRODUCT DESCRIPTION

The 8000 System OverKrete® V is designed for application to vertical surfaces. It will provide the same level of protection and chemical resistance of the other 8000 System products to walls and other vertical surfaces.

FEATURES AND BENEFITS

CORROSION RESISTANCE

OverKrete® V is resistant to a wide range of chemicals. For more detailed chemical resistance information, refer to the Product Recommendation Guide.

COLORS

OverKrete® V coatings are available in standard colors. Custom colors are available upon request.

PACKAGING

OverKrete® V is packaged in two kit sizes: 1 gallon and 4 gallon. Mixing ratios are shown on the product labels.

COMPATIBLE PRODUCTS

Penetrating Prime & Seal Primer
BlokFil™
TurboKrete® Multi-Purpose Concrete Repair and Adhesive

TYPICAL USES

OverKrete® V coating is used where one or more of the folowing properties are required:

- Splash and spill corrosion resistance
- Ease of cleanability and maintenance
- Aesthetically pleasing surfaces

It may be used directly over prepared and sealed (BlokFil or Penetrating Prime & Seal) concrete, or as a topcoat for other Rust-Oleum vertical toppings.

TYPICAL APPLICATIONS

Primary containment
Secondary containment
Sumps
Trench drains

INDUSTRIAL AND COMMERCIAL APPLICATIONS

Warehouse and storage areas
Manufacturing areas
Boiler plants
Animal treatment areas
Tank farms
Wineries and breweries
Bottling and beverage industries
Chemical, meat packing, poultry and dairy industries
Food processing plants
Pharmaceutical and chemical laboratories
Industrial lunchrooms and dressing rooms
Wastewater treatment plants

Form: 233825
Rev.: 111011

PRODUCT APPLICATION

SURFACE PREPARATION

Concrete must be clean and in good, sound condition. Remove all loose unsound concrete or previous coatings. Voids in the concrete should be filled. Smooth concrete surfaces must be profiled using a suitable method. Concrete, ambient, and material temperatures should be 65-90°F (18-32°C) at time of application. Concrete must be visibly dry at time of application.

If needed, a scratch coat of BlokFil™ can be used to fill small voids or bug holes in the concrete. OverKrete® V can be applied directly to the concrete. Although OverKrete® V can be applied directly to concrete or masonry surfaces, we recommend surfaces be primed with Penetrating Prime & Seal Primer or sealed with BlokFil™. BlokFil™ is recommended when coating concrete block.

COVERAGE

10-16 mils (250-400µ)

100-160 sq. ft. /gal. (2.5-3.9 m^2/l)

MIXING

Material temperature should be between 65-90°F (18-32°C) prior to mixing.

Hand mixing is not adequate. You must combine the base and activator by power mixing using either a 3" Jiffler Mixer or CPS #4 (#237550). Transfer as much activator as possible into the base component. Use an up and down motion along the sidewalls of the container to ensure that all of the components are thoroughly mixed together. 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.

Immediately after mixing, pour the activated material into a roller pan. The material is viscous and may require a stir stick be used to transfer all the material to the roller pan.

Mixing ratio: 3:1, Part A: Part B

APPLICATION

Apply only when material, air and surface temperatures are between 65-90°F (18-32°C).

Apply by roller using a 3/8 or 1/2 inch lint free, phenolic core roller cover. Work out of a roller pan. This material has a short pot life, so working time will be limited to 15-20 minutes. Do not delay applying the product once it has been mixed.

PRODUCT APPLICATION (cont.)

Applying in sections no larger than 4' x 4'. Begin the first pass with a fully loaded roller in an upward vertical direction. Reload roller and begin second pass adjacent to and at the top of the previous pass and apply in a downward vertical direction. After completing several vertical passes, finish the section by re-rolling the area, without re-loading the roller, in a horizontal direction from top to bottom. Apply material to the next section in the same manner. This application method will provide uniform film thickness.

Avoid excessive rolling or back rolling over areas which have already set up for several minutes. This will increase the risk of roller marks and formation of air bubbles. Avoid application in direct sunlight to help prevent bubbles caused by outgassing.

RECOAT TIME

Cure adequately for 8-10 hours at 70°F (21°C). If recoat time exceeds 48 hours, coating must be sanded prior to recoating.

FULL CHEMICAL RESISTANCE

72 hours.

CLEAN UP

Xylene can be used to remove material from equipment if it is cleaned before the material has started to set up; otherwise, stronger solvents such as MEK will be necessary.

SHELF LIFE

2 years.

SAFETY

OverKrete® V contains amine curing agents. Avoid skin contact. In case of eye contact or ingestion, contact a physician immediately. In case of skin sensitivity to these materials, use protective clothing and gloves.

MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets are available upon request. It is strongly recommended that they be read by all persons handling OverKrete® V.

If there are any questions on the use of this product, please consult our technical service department.

PHYSICAL PROPERTIES

Resin Type		100% solids copolymer epoxy
Weight*	**Per Gallon**	9.2-10.0 lbs.
	Per Liter	—
Solids*	**By Weight**	100%
	By Volume	100%
Volatile Organic Compounds*		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		10-16 mils (250-400µ)
Wet Film to Achieve DFT		Same as dry film thickness
Theoretical Coverage at 1 mil DFT (25µ)		1604 sq. ft./gal.
Practical Coverage at Recommended DFT		100-160 sq. ft./gal. (2.5-3.9 m^2/l)
Mixing Ratio		3:1 part A to part B
Induction Period		None
Pot Life†		15-20 minutes
Dry Times at 70-80°F (21-27°C) and 50% Rel. Hum.	**Initial cure**	8-10 hours
	Recoat	10-48 hours
	Full cure	3 days
Shelf Life		3 years
Safety Information	**Contains**	—
	Warning!	**CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED. MAY CAUSE ASTHMA, SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.**

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®
INDUSTRIAL BRANDS

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

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

Form: 233825
Rev.: 111011