RUST-OLEUM®

8100 SYSTEM OVERKRETE® XTRA V

PREMIUM 100% SOLIDS EPOXY COATING

DESCRIPTION AND USES

The 8100 System OverKrete® Xtra V is designed for application to vertical surfaces. It will provide the same level of protection and chemical resistance of the other 8100 System products to walls and other vertical surfaces.

PRODUCT FEATURES AND BENEFITS

8100 System OverKrete Xtra V is resistant to a wide range of chemicals. For more detailed chemical resistance information, refer to the Product Recommendation Guide.

PRODUCTS

8100 System OverKrete Xtra V is available in eleven standard colors. Custom colors are available upon request. Refer to the Rust-Oleum color chart. Product codes listed below are 3-Gallon Kits. Mixing ratios are shown on the product labels.

SKU	DESCRIPTION
237264	National Blue
237268	Light Green
237272	Safety Yellow
237276	Tile Red
237280	Black
237284	Dunes Tan
237288	Dark Gray
237292	Light Gray
237297	Navy Gray
237301	White
241652	Super Light Gray
237260	Clear
237305	Custom

COMPANION PRODUCTS

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

TYPICAL USES

8100 System OverKrete Xtra V coating is used where one or more of the following properties are required:

- Splash and spill corrosion resistance
- Easy to clean and maintain
- Aesthetically pleasing surfaces

8100 System OverKrete Xtra V 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
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

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 Xtra V can be applied directly to the concrete. Although OverKrete Xtra 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 over mix or use higher speeds. This can introduce air into the coating causing small bubbles in the finish.

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PRODUCT APPLICATION (cont.)

MIXING (cont.)

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: 2:1, Part A : Part B

APPLICATION

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

Apply by roller using a ⅜" or ½" 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. Typical application rate is two coats at 8-12 mils per coat.

Apply 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

Full chemical resistance is developed in 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.

PRODUCT APPLICATION (cont.)

SHELF LIFE

5 years.

SAFETY

OverKrete Xtra 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.

SAFETY DATA SHEETS

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

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

EPOXY COATING	TECHNICAL DATA	CP-45

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PHYSICAL PROPERTIES

		8100 SYSTEM OVERKRETE XTRA V
Resin Type		Polyamine Converted Epoxy
Pigment Type		Varies depending on color
Solvents		Benzyl Alcohol
Weight*	**Per Gallon**	11.3-11.4 lbs.
	Per Liter	1.35-1.37 kg
Solids*	**By Weight**	100%
	By Volume	100%
Volatile Organic Compounds*		<165 g/l (1.37 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		10-16 mils (250-400µ)
Wet Film to Achieve DFT		10-16 mils (250-400µ)
Practical Coverage at Recommended DFT		100-160 square feet per gallon (2.5-3.9m^2/l)
Mixing Ratio		2 : 1 base to activator by volume
Induction Period		None
Pot Life @ 70-80°F (21-27°C) & 50% Relative Humidity		15-20 minutes
Dry Times at 70-80°F (21-27ºC) and 50% Relative Humidity	**Initial Cure**	8-10 hours
	Recoat	10-48hours
	Full Cure	72 hours
Shelf Life		5 years
Flash Point		212°F (100°C) Base 210°F (99°C) Activator
Safety Information		**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 SAFETY DATA SHEET (SDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION**

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

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