RUST-OLEUM®

Concrete Protection Systems

8100 SYSTEM
OVERKRETE® XTRA S
PREMIUM 100% SOLIDS EPOXY FLOOR COATING – SMOOTH

PRODUCT DESCRIPTION

OverKrete® Xtra S is a floor coating applied at a thickness of 16 to 50 mils. It is designed for use in mild to moderate chemical environments and can tolerate constant rubber wheel traffic. This coating can be used in various ways, a 45-50 mil anti-skid textured surface, a 16 mil smooth finish.

This premium formulation provides improved color and gloss retention over standard epoxy floor coatings.

For vertical surfaces, use OverKrete® Xtra V.

FEATURES AND BENEFITS

CORROSION RESISTANCE

OverKrete® Xtra S is resistant to a wide range of chemicals. Due to the thinness of this coating, it is not recommended for continuous or prolonged exposure to chemicals. For more detailed chemical resistance information, refer to the Product Recommendation Guide.

LEED RATING SYSTEM*

OverKrete® Xtra S meets or exceeds the requirements of EQ Credit 4.2 Low-Emitting Paints & Coatings under the LEED New Construction and Major Renovation Standard.*

OverKrete® Xtra S is manufactured in Tulsa, OK and can contribute to MR Credit 5.1 Use of Regionally Manufactured Materials under the LEED New Construction and Major Renovation Standard* for project sites within a 500 mile radius of Tulsa, OK.

* Visit www.usgbc.org/leed for more information.

COLORS

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

PACKAGING

OverKrete® Xtra S is packaged in two kit sizes: 1 gallon and 3 gallon. Mixing ratios are shown on the product labels. Silica is not packaged with the standard units.

TYPICAL USES

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

- Splash and spill corrosion resistance
- High wearability
- Anti-skid safety surfaces (when used in conjunction with a broadcasted aggregates)
- Ease of cleanability and maintenance
- Aesthetically pleasing surfaces

It may be used directly over concrete, or as a topcoat for other Rust-Oleum floor toppings.

TYPICAL APPLICATIONS

Walkways/OSHA yellow walkway lines
Light warehousing & storage areas
Light manufacturing
Permanent marker lines/parking lots
Show rooms/clean rooms
Boiler plants/laboratories
Animal treatment areas

INDUSTRIAL AND COMMERCIAL APPLICATIONS

Electronics industry
Automotive assembly/showrooms
Airport baggage handling and ramps
Wineries and breweries
Bottling/beverage industries
Chemical/meat packing/poultry plants/dairies
Food processing plants
Bakeries/restaurants
Schools/hospitals
Pharmaceutical and chemical laboratories
Industrial lunchrooms/dressing rooms
Wastewater treatment plants

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PRODUCT APPLICATION

SURFACE PREPARATION

Concrete must be sound, clean, and visibly dry. Voids in the concrete should be filled. The surface should be shot blasted, or acid etched prior to application. 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. Prime & Seal® Primer must be used to help ensure a smooth finish. Apply with a squeegee followed by a short nap roller.

Note: Surface preparation and application procedures are described in more detail in the Application Instructions. These should be read before use.

COVERAGE

Smooth finish: 16 mils (400µ)

One coat @ 100 sq. ft. /gal. (2.5 m^2/l)

Anti-skid finish: Applied in two coats.* (three steps involved), 45-50 mils (1,125-1,250µ)

1st coat is 100 sq. ft. /gal. (2.5 m^2/l) (16 mils, (400µ) no less)

Aggregate broadcast while wet

2nd coat* is 100 sq. ft. /gal. (2.5 m^2/l)**

*The 2nd coat anchors the aggregate.

** This will vary, based on coarseness of aggregate used. Equal coverage may be expected when used as a glaze coat over OverKrete® floor topping.

For special textures or decorative effects, consult application instructions.

PRODUCT APPLICATION (cont.)

SET TIME

Cured adequately for next coating step in 8-10 hours at 70°F (21°C).

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 methylene chloride will be necessary.

SAFETY

OverKrete® Xtra S 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® Xtra S.

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

PERFORMACE CHARACTERISICS

COMPRESSIVE STRENGTH

METHOD: ASTM C579

TYPICAL VALUE: 7,900 psi

FLEXURAL STRENGTH

METHOD: ASTM C580

TYPICAL VALUE: 3,700 psi

TENSILE STRENGTH

METHOD: ASTM C307

TYPICAL VALUE: 3,900 psi

TABER ABRASION

METHOD: ASTM 4060, CS 17

TYPICAL VALUE: Loss/1,000 cycles = 30 mg.

FILM HARDNESS, SHORE D

METHOD: ASTM D2240

TYPICAL VALUE: 85

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

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