

XS-327



Hybrid Water Based Polyurethane

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Technical Data

PACKAGING

XS 327 "A" - short filled quart can

XS 327 "B" - pint can

MIXING RATIO

3 parts "A" to 2 parts "B"
(water maybe added see ratios below)

COVERAGE

Approximately 100 sq. ft. /QT/ coat
Recommended dry film thickness =
3—5 mils
Recommended wet film thickness =
2—4 mils
Do not exceed 4 mil wet thickness
per coat

DESCRIPTION

SureCrete's XS-327 is a specially formulated hybrid water based polyurethane coating. **XS-327** is matte finish, low VOC (25 g/l), and delivers commercial grade abrasion resistance for concrete and cementitious surfaces. **XS-327** is a two component concrete sealer, 64% solids by weight, and may be reduced with water.

Although specifically designed for PreCast Concrete pieces, **XS-327** can be used anywhere that requires high performance durability against: scratching, abrasion, chemical and household staining, UV damage, and damage from heat up to (to 300°F). **XS-327** surpasses the performance of most solvent systems, while providing the safety of a non-flammable, low VOC water based concrete sealer. **XS-327** meets the most stringent of VOC regulations at just 25 g/L. **XS-327** becomes food safe upon curing.

SURFACE PREPARATION

Surface must be dry and clean of dust, dirt, oils, and other surface contaminants. Depending upon surface density or porosity, clean surface with **SCR** in a dilution rate of between 2—4 parts water and 1 part **SCR** (2:1, 4:1).

NOTE: Xtreme Series products must hydrate for a minimum of 48 to 72 hours out of the mold. Use of a LD-1800 (Lithium Densifier) is recommended prior to application. Pre-existing coatings should be scuff sanded and a test patch applied and adhesion checked to insure compatibility. Any sanding or dust created in prep work must be removed with a solvent wipe with lint free rag. Be certain that substrate is completely dry before coating. A slab on grade that has moisture appear under a square of plastic that has been duct taped to the surface may need additional prep work.

APPLICATION

Apply **XS-327** when surface temperatures are between 60°F and 90°F and will stay within that range until product cures.

PreCast Concrete - Concrete Countertops - GFRC

Mechanically mix thoroughly 3 parts **XS-327"A"** with 2 parts **XS-327"B"** for at least 3 minutes.

Note: Catalyzed product may be cut with water at 20% - 100% total volume (4 parts catalyzed product to 1 part water 4:1; 1 part catalyzed product to 1 part water 1:1). **If reduced with water**, mix for an additional 1 minute and allow to stand for a 10 minute induction period.

Roll sealer with a 6" high density foam roller. Keep wet roller working into surface for 5 minute time frame on 1st coat.

Back roll 1st coat to eliminate roller marks.

Note: Some white hazing may occur, especially in low areas of a heavy texture surface. This hazing will dry clear.

2nd coat of **XS-327** when first coat is dry to the touch, and tack-free.

Note: Drying time between coats varies widely due to numerous factors: temperature, humidity, surface texture, and percentage of water reduction. A six hour time frame or longer may be required before first coat dries sufficiently for second coat. If 2nd coat is applied after 48 hours following 1st coat, scuff surface for proper bonding. Full cure is achieved between 5 - 7 days at 75°F.

XS-327 Slab on Grade & Concrete Overlays

A mohair shed resistant roller with phenolic core may be utilized. Mask off areas to be protected. Do not allow puddling. Thin coats are critical, never more than 4 mil thickness wet. Back roll excess sealer from low spots, especially pattern textures or grout lines. Apply when surface temperatures are between 60°F and 90°F and will stay within that range until product cures.

Apply 2nd coat when dry to the touch, usually a 6 hour time frame (depending on temperature and humidity). If 2nd coat is applied after 48 hours following 1st coat, scuff surface for proper bonding. Full cure is achieved between 5 - 7 days at 75°F.

Cleanup: Before **SureCrete XS-327** dries; spills, over-spray, and tools can be cleaned up with soap and water.

Disposal: Contact your local government house-hold hazardous waste coordinator for information on disposal of unused product.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Keep areas ventilated to prevent the accumulation of vapors. **Inhalation:** Avoid prolonged breathing of vapors. Use NIOSH approved respirator for organic vapors if threshold limit values are unsafe. **Skin Contact:** Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. **Eyes:** Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.

TEST DATA

Standard Testing & Data

Liquid Properties	General
Appearance (cured)	Matte
Water Resistance	Excellent, beads water
Mechanical Stability	Excellent
Light Stability	Excellent
Solids (by weight)	64%
Storage Stability	1 yr.
Appearance (wet)	Milky liquid
Odor	Sweet acrylic
Application Temperature	60°F – 90°F
VOC content	25 g/L
Set to Touch	6–10 hours.
Pot life	approx. 60 min's.

Chemical Resistance (24 hr. spot)

MEK (methyl ethyl ketone)	blisters
Xylene -	softens
Ethanol -	softens
5% sodium hydroxide -	no effect
5% Ammonia -	no effect
Mineral Spirits -	no effect
5% sulfuric acid -	no effect
5% hydrochloric acid -	no effect
5% nitric acid -	no effect
1,1-trichlorethane -	no effect

Transportation Fluids & Fuels Resistance (24 hr. spot)

Brake Fluid	soften, discolor
Skydrol	dulls
Gasoline	no effect
Diesel Fuel	no effect
Kerosene	no effect