

# HS-240

## Low VOC Premium Acrylic Concrete Sealer



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### Technical Data

#### Coverage

Approx. 1,000 sq ft per 5 gallon pail (single coat)

#### 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 manufacturer's/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.**

**Product is flammable.** Keep away from heat and potential sources of ignition. 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.

#### DESCRIPTION

**HS 240** is a premium, high performance, single-component, 20% acrylic solids, 400 g/l low VOC solvent-compliant, waterproofing sealer. Its high performance characteristics include improved adhesion, UV protection, waterproofing, and durability. **HS 240** has advanced nano-sealer technology including:

- The ability to shrink the size of the pores in the concrete surface. Doing so slows moisture migration and in most cases eliminates efflorescence.
- Surface tension allowing the sealer to layout tighter and more even. In most cases it eliminates the stringy remains during rolling.
- Design for extreme climates that require a high performance VOC approved sealer.

**HS 240** is an ideal choice for all decorative concrete overlay systems and any cementitious surfaces including concrete: driveways, garage floors, patios, walkways, pool decks, stucco, and concrete block. **HS 240** will enhance the beauty of any multi-colored surface both vertically and horizontally. **HS 240** can be applied via roller, pump up sprayer or airless sprayer. In most applications a single coat is all that is required, "always evaluate surface to see if a second coat is needed."

#### SURFACE PREPARATION

Surface must be clean, free of dust, dirt, mildew, oil, grease, paint, sealers, curing agents, waxes, and surface contamination. Utilize **Super Concrete Renovator (SCR)** to clean cement based surface. Evaluate dilution rate of water to **SCR** (usually 4:1.) Coverage is approximately 600 sq. ft. per gallon. After spraying **SCR** from SP pump-up sprayer, agitate with a nylon bristle broom. Allow to stand until all foaming and bubbling has ceased. Do not allow **SCR** to dry on slab, rinse frequently. For interior slabs wet vacuum rinsed areas. For exterior slabs simply rinse away. Occasionally heavily soiled areas may require a repeat application. Rinse thoroughly with water. Pressure washer may be required. Allow to dry thoroughly.

Surface must be cured, hydration complete.

Surface must be sound, no dusting, no spalling.

#### APPLICATION

##### **Rolling**

Utilize a bucket grid to apply in a thin film. Roller covers require a solvent resistant core. The correct nap size varies due to texture. For example ¾" may be required for heavy stamp overlay pattern, while mohair may be required for micro-topping. Do not allow puddling. Exercise care to eliminate roller tracks through back rolling.

##### **Spraying**

Properly mask all areas requiring protection. Airless sprayer must be capable of a minimum .5 gpm discharge. Tip size must be approximately .015" - .017" with 65° fan. For horizontal surface utilize an 8" - 10" extension. Maintain a wet edge between passes.

Apply when surface temperatures are between 50°F and 90°F and will stay within that range for 24 hrs. after application. Do not apply outside if precipitation is forecast within a 24 hours of application.

**Cure Time:** Customarily first coat dries within 2 hours, if not sooner. Evaluate surface, when dry to touch, and determine if a 2nd coat and/or a no slip product is necessary. Allow 24 hrs. prior to foot traffic and 72 hrs. prior to vehicular traffic.

**Coverage:** Dependent upon porosity of substrate. Approximately 200 sq. ft. / gallon / coat.

**Cleanup:** Before **HS 240** dries; spills, over-spray, and tools can be cleaned up with any common hydrocarbon solvent (e.g. Xylene).

#### **MAINTENANCE**

Pressure washing normally will remove dirt and grime. Tire marks can be removed with a mild detergent. Tire marks made by heavy vehicles with very hot tires may discolor the coating. Such discoloration is generally not removable. Hard braking or tire spin can result in permanent discoloration of the coating.

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Revised October 8, 2010

## TEST DATA

Liquid Properties	(General)
Appearance (cured)	Clear sheen
Water Resistance	Excellent, beads water
Mechanical Stability	Excellent
Light Stability	Excellent
Solids	20%
Diluent	Hydrocarbons
Storage Stability	2 yrs.
Appearance (wet)	Clear
Odor	Solvent
Application Temperature	50°F – 90°F

Test	ASTM	Results
Blush	4 hr. dry / 18 hr. immersion	Does not blush
Adhesion	D-33598	
	Dry concrete	Excellent
	Wet concrete	Excellent
Water Beading		Beads water
QUV	G-53	250 hrs. –no blistering, no yellowing
Abrasion Resistance		12.5 gram loss
Chemical Resistance	D-1308	
	Transmission fluid	Resistant
	Gasoline	Remove immediately
	Formula 409	Resistant
	Motor oil	Resistant
	Brake fluid	Remove immediately
Block Resistance	D-4946	Excellent
Heat Stability @ 120°F	D-1849	Excellent
Pencil Hardness	D-3363	HB-H
Film Formation @ 40°F		Passed
Water Absorption		2.4 (g/m <sup>3</sup> )