



**SEAL KRETE® HIGH PERFORMANCE ARMOR-SHELL STAIN GUARD**

**DESCRIPTION AND USES**

SEAL-KRETE® Armor-Shell Stain Guard is a water-based, penetrating protector and color guard designed specifically for densified, polished concrete floors. Armor-Shell Stain Guard is not a topical sealer, but a clear, protective treatment that helps to prevent stain and dirt intrusion on polished, dyed, concrete floors. Armor-Shell Stain Guard is VOC compliant, fast drying and has a low odor.

**PRODUCT FEATURES AND BENEFITS**

- Water-based, low odor
- Increases reflectiveness and shine with no buffing required
- Breathable
- Treated concrete is easier to maintain
- Intensifies colored/dyed concrete and protects from UV degradation

**PRODUCTS**

DESCRIPTION	SKU
Armor-Shell Stain Guard 1 Gallon	353618
Armor-Shell Stain Guard 5 Gallon Pail	353637

**COMPANION PRODUCTS**

DESCRIPTION	SKU
Armor-Shell Grout Coat 1 Gallon	353642
Armor-Shell Grout Coat 5 Gallon Pail	353643
Armor-Shell Densifier 1 Gallon	353617
Armor-Shell Densifier 5 Gallon Pail	353636

**PRODUCT APPLICATION**

**READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT**

**CONCRETE REPAIR**

All spalls and cracks must be chased out and repaired to ICRI standards using an appropriate patching material. If patching is required, use SEAL-KRETE Fast Cure High Strength Concrete Repair.

**PRODUCT APPLICATION (cont.)**

**SURFACE PREPARATION (cont.)**

**NEW CONCRETE:** New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, dust, curing compounds and other coatings or contaminants. Surface laitance must be removed. Rising moisture vapor emission rate must not exceed 3 lb. per 1000 sq. ft. over a 24 hour period as measured by calcium chloride test method ASTM F-1869. Concrete must be visibly dry at time of application.

**PREVIOUSLY COATED:** Existing coatings must be removed. The preferred method of surface preparation is to mechanically abrade the floor by diamond grinding to achieve a final 80–120 grit finish, reference profile CSP-2 according to ICRI. Concrete must be visibly dry at time of application.

**MIXING EQUIPMENT**

Low speed drill and spiral mixing wand.

**Important:** Hand mixing will produce inconsistent results and is not an approved method.

**APPLICATION**

Apply only when air, material and floor temperatures are above 35°F and rising at the time of application, relative humidity below 85% and at least 5°F above the dew point. Armor-Shell Stain Guard is ready to use from the container. Using a pump sprayer, apply Armor-Shell Stain Guard evenly. Spread immediately with a micro-fiber pad. Allow 20 to 30 minutes to dry and repeat process. Additional applications may be made in the same manner and will provide a higher gloss. The floor may be buffed or burnished for higher gloss if desired.

**NOTE:** Periodic maintenance applications may be desired to refresh floor’s appearance and protective qualities.

**THINNING**

None required

**CLEAN-UP**

Clean tools and application equipment immediately after use with soap and water. Clean spills or drips while still wet with soap and water. Dried product will require mechanical abrasion for removal.

**TECHNICAL DATA****SKHP-20**

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**PHYSICAL PROPERTIES**

		ARMOR-SHELL STAIN GUARD
<b>Resin Type</b>		Acrylic
<b>Solvents</b>		Water
<b>Solids By Volume</b>		9-11%
<b>Volatile Organic Compounds</b>		33 g/l
<b>Practical Coverage Rate</b>		500-700 sq.ft./gal. Coverage rate can vary depending on the texture and porosity of the concrete
<b>Dry Times at 77°F (25°C) and 50% Relative Humidity</b>	<b>Tack Free</b>	20-30 minutes
	<b>Foot Traffic</b>	30 minutes
<b>Shelf Life</b>		2 years
<b>Flash Point</b>		200°F (93°C)
<b>CAUTION!</b>		Protect from freezing
<b>Safety Information</b>		See SDS

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

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.



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