

S-8200 Top Sealer™

TECHNICAL DATA SHEET

DESCRIPTION

S-8200 Top Sealer™ is a solvent-free, water-based penetrating sealer that completely seals porous concrete, brick, stone and mineral based substrates. S-8200 Top Sealer is formulated to provide an invisible protective shield against the intrusion of water, carbon dioxide, chloride ion, algae and mildew. S-8200 Top Sealer is an environmentally safe alternative to solvent-based sealers, it's highly effective and versatile in a wide range of commercial, industrial and residential applications such as concrete and stucco protection, rock-scapes, water features and brick surfaces. S-8200 Top Sealer leaves a clear and natural finish. It also stops seepage, dampness, molding, pitting, rutting and dusting from occurring.

USES

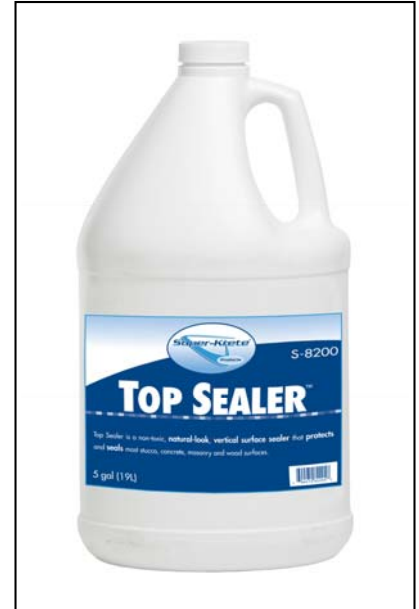
Interior / Exterior	Reinforcement Protection
Concrete / Masonry Waterproofing	New / Existing Concrete
Walkways	Retaining Walls
Patios	Cementitious Waterproofing
Sidewalks / Curbs / Gutters	Basement Walls / Floors
Stone	Pedestrian / Vehicular Areas
Any substrate where an invisible, waterproof, protective sealer is required.	

ADVANTAGES

Non-Toxic	Prevents chloride ion intrusion
Environmentally safe and friendly	Prevents carbon dioxide
Prevents water intrusion	Invisible
Prevents mold & mildew	

CSI RELATED SECTIONS

03 05 00 - Common Work Results for Concrete	07 09 00 - Sealants
07 19 00 - Water Repellents	03 30 00 - Concrete
09 93 00 - Staining and Transparent Finishing	



SURFACE PREPARATION

Substrate must be clean, sound and free of surface contaminants. Remove dust, laitance, grease, oils, curing compounds, form release agents and all foreign particles by mechanical means. Protect any areas not to be impregnated from spillage or splashing. Extremely non-porous substrates may only require 1 coat. To ensure proper penetration depth, a field mock up is recommended. Top Sealer shall be applied liberally and allowed to soak into the substrate by the use of brushes, rollers, low pressure gun or airless spray equipment.

MIXING INSTRUCTIONS

Use S-8200 Top Sealer as is (DO NOT DILUTE). Thoroughly mix product or stir with a drill and paddle-type mixing attachment. Strain material and pour into sprayer unit.

APPLICATION

IMPORTANT: APPLY ONLY TO A POROUS SURFACE. Normally only one application is required. After one hour of curing test the surface for water penetration. If water repels from the surface do not apply additional applications.

Vertical Surfaces: Apply Top Sealer from the top down in successive passes until the targeted consumption for the first coat is achieved. Successive passes are done when the concrete surface still has a matte appearance from the product, but no longer wet (e.g. when placing the bare hand on the surface and removing it, no wetness on the hand is observed). The concrete surface is assumed to be saturated with the product when it remains "wet" in appearance for at least 5 seconds. The following coat can then be applied when the concrete is completely dry.

Super-Krete Products is a Division of Arizona Polymer Flooring, Inc.

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Horizontal Surfaces: Saturate the substrate by continuous spray (airless or low pressure gun) and allow to have “wet” look for at least 5 seconds. Do not apply Top Sealer when rain is imminent within 24 hours. Leave finished work and work area in a neat, clean condition without evidence of spillages onto adjacent areas. A test area is always recommended prior to actual application and to confirm suitability of material for project and to confirm desired results are achieved. To define appropriate material consumption, a few weeks before project commences, the Supervising Officer shall assign a typical concrete surface with a representative area of at least 100 sf. The surface preparation shall be undertaken by the applicator in the same way as prescribed for the project.

Note: Top Sealer will repel water in 30 minutes. Refer to the **Super-Krete Products Sealer Selection Guide** for proper sealer selection.

Coverage	150 sf – 300 sf / 1 gallon
<i>*Coverage rates will vary, this is an approximation only. Actual coverage is entirely dependent on substrate conditions, surface porosity and method of application. Once coat may be sufficient in non-porous substrates.</i>	
Cure Time	Dry to touch in approx. 30 min. Will accept foot traffic in 1 hr. Final cure is 28 Days
V.O.C. Content	<100 g / liter
Shelf Life	5 Years when properly stored.
Storage	Store in a cool, dry place. Keep from moisture and freezing.
Tools Required	
Pump sprayer	Airless sprayer
Soft-bristled broom	

Packaging	1 gallon bottles / 4 per case 5 gallon pails / 36 per pallet 55 gallon drums / 4 per pallet
Appearance	Translucent clear liquid
Odor	None
Specific Gravity	1.04
pH	10.85
CAUTION	Keep away from children. Do not take internally. Always use safety gloves, appropriate eye protection, and appropriate OSHA/NIOSH approved respirator in areas with poor ventilation and when exposed to spray mist both indoors and outdoors. If ingested, seek medical attention immediately.

LIMITATIONS:

Super-Krete Products are to be applied only when surface temperatures are above 55°F and rising and not to exceed 100°F. Super-Krete Products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete Products are professional, contractor grade products. Training in the use of these products is available. Consult a Super-Krete Products representative for information and assistance locating approved contractors in your area or for training class dates.

MOISTURE VAPOR EMISSIONS PRECAUTIONS:

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator’s responsibility to conduct calcium chloride testing in compliance with ASTM F1869, or relative humidity probe testing in compliance with ASTM-F2170, to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **S-1300 Pene-Krete®** for cementitious overlay products and **VaporSolve® Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

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WARRANTY:

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.

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