

S-8500 Clear Seal™

TECHNICAL DATA SHEET

DESCRIPTION

S-8500 Clear Seal™ is a low-gloss, non-yellowing, penetrating acrylic/urethane sealer formulated to create an impervious protective shield over Super-Krete overlays that also resists staining, petroleum and most chemicals. Used as an interior or exterior finish, S-8500 Clear Seal is environmentally friendly, VOC compliant, non-toxic, OSHA and FDA compliant. Although used primarily on decorative surfaces for protection against foot traffic, it can also be used as a protective shield over walls, structures and other coated and painted surfaces for protection against mildew, mold and resistance to ultra violet. S-8500 Clear Seal is the perfect sealer for protecting any surface from light to moderate foot traffic conditions while providing a uniform surface appearance and enhancing underlying colors.

Note: S-8500 Clear Seal is intended for use in vehicular areas or driveways. Refer to the **Super-Krete Products Sealer Selection Guide** for proper sealer selection.

USES

Super-Krete Overlays
Exposed Aggregate
Stamped Concrete
Pedestrian / Light Traffic Areas
Pool Decks
Pavers
Stucco
Concrete / Masonry Walls

Tile & Stone
Walkways / Landings
New / Existing Concrete
Decorative Walls / Murals
Precast Concrete
Residential / Commercial
Kitchens / Restaurants When Waxed



ADVANTAGES

Ease of application of acrylics
Performance of urethanes
Penetrates surface for tenacious bond
Easy to clean and maintain
Water-based
Resistant to UV rays
Resists Staining
Low gloss finish

Water repellent
VOC compliant
Environmentally friendly and safe
FDA compliant
Breathable
OSHA Compliant, contains no ingredients required to be listed by OSHA CFR 1910 1200

CSI RELATED SECTIONS

03 05 00 - Common Work Results for Concrete
03 35 00 - Concrete Finishing

09 90 00 - Painting and Coating
09 93 00 - Staining and Transparent Finishing

SURFACE PREPARATION

Before any Super-Krete products are applied over concrete, the slab must be free of sealers, any type of curing compounds and bond-breakers. Always refer to the **Super-Krete Products Surface Preparation Guide** for surface testing, cleaning, preparation and porosity requirements prior to applying Liquid Concentrate mixtures to any surface. Refer to Super-Krete Liquid Concentrate Mixing Ratio Chart.

MIXING

S-8500 Clear Seal is to be used full strength. DO NOT DILUTE. Mix thoroughly using a variable speed drill with a paddle mixer attachment prior to application.

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

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APPLICATION

Remove all dirt, grime, laitance and debris using a leaf blower, compressed air or water blaster. When applying smaller volumes a standard hand-pump sprayer is typically sufficient. When applying larger volumes, an airless sprayer set at the lowest pressure setting may be used. Spray first application lightly and brush material over the surface with a soft bristled broom to evenly spread material and provide uniformity. Do not allow material to build-up in low areas. Rework the material over the surface in a circular motion and work your way out. If material puddles in any low spots, ensure that the puddles are broomed out and that all excess is evenly spread throughout the surface using a broom. 2 to 3 coats are recommended for best results, allowing 2 hours between applications. Allow surface to cure overnight before use. **Note:** S-8500 Clear Seal is not intended for use in vehicular driving or parking area.

Coverage Rate 150 sf – 300 sf / gallon

**Coverage rates will vary, this is an approximation only. Actual coverage will vary due to substrate conditions, surface porosity and method of application.*

Cure Time Dry to touch in approx. 1 hour.
Will accept foot traffic in 4 hours.
Final cure is 48-72 hours depending on weather conditions.

Shelf Life 5 years when properly stored.

Storage Store in a cool, dry place. Keep from moisture and keep from freezing.

Tools Required

Filtered hand-pump sprayer	Leaf blower
Drill with paddle mixer	Water blaster
Soft-bristled broom	

Packaging 1 gallon bottles / 4 per case
5 gallon pails / 36 per pallet
55 gallon drums / 4 per pallet

Appearance White liquid

V.O.C. Content <100 g / liter

Odor Slight acrylic

Specific Gravity 1.060

Solids 22%

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.

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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