

S-1710 Liquid Release Agent™

TECHNICAL DATA SHEET

DESCRIPTION

S-1710 Liquid Release Agent™ is a product formulated for use with any of Super-Krete Products textured overlay stamp systems and can also be used on concrete as a separating agent in conjunction with texturing mats (available in various patterns and textures). S-1710 Liquid Release Agent prevents mats from sticking to overlay materials by forming a lubricating barrier between the mat and the surface. It also provides protection to the texturing mats and increases their life span by decreasing the friction caused during the stamping process. S-1710 Liquid Release Agent has a bubble gum scent for comfort during use.

USES

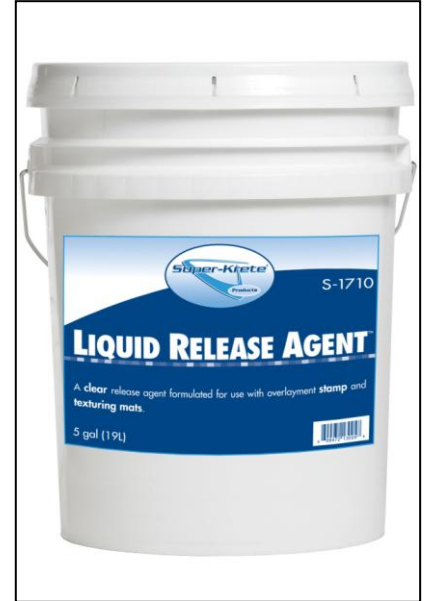
For use anywhere a decorative concrete stamped or texturing tool is used!

ADVANTAGES

- Ease of application
- Easy clean-up
- Non-hazardous
- Can be used on concrete and Super-Krete overlays
- Great alternative to powder releases
- Increases life span of stamping tools

CSI RELATED SECTIONS

- 03 05 00 - Concrete Finishing
- 32 01 26.74 - Concrete Overlays
- 32 13 16 - Decorative Concrete Paving
- 03 35 33 - Stamped Concrete



APPLICATION

S-1710 Liquid Release Agent is applied using a hand-held spray apparatus, such as a 2 qt. or 3 gallon pump-type sprayer.

Liberally apply a mist of S-1710 Liquid Release Agent onto the stampable material or wet concrete, to be textured, on areas where the texturing mats will be placed. Do not apply over an area of more than 10 sq. ft. at a time as the product may evaporate before the mats are placed over it. Also spray the texturing mats for enhanced lubrication prior to stamping the material. Be sure to properly identify sprayers to avoid confusing S-1710 Liquid Release Agent containers with water containers. This product can act as a bond breaker if applied to uncoated areas.

To maintain the integrity of the concrete and/or the stamped material, do not trowel S-1710 Liquid Release Agent into the product or in any way mix into the surface. To make corrections on still pliable concrete surfaces, use the texturing mat and press out the unwanted impression. Allow stamped surface to thoroughly dry for 24 hours before detailing.

Thoroughly rinse S-1710 Liquid Release Agent from the substrate using S-200 Super-Scrub™. Wash texture mats and stamps using S-200 Super-Scrub non-lotion cleaning agent and thoroughly rinse with clean water.

NOTE: S-1710 Liquid Release Agent is formulated for use on most texturing mats, however, a test prior to actual use is always recommended to ensure compatibility.

GENERAL INFORMATION

For more information on 1/8" and 1/4" Stamped and Textured Concrete Overlays, refer to Super-Krete Specification No.'s S-1701 1/4" Stamp-Krete Overlay and S-1801 1/8" Stamp Overlay System.

Super-Krete Products is a Division of Arizona Polymer Flooring, Inc.
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Form	Liquid	Coverage Rate	300 sf / 1 gallon
Odor	Bubble Gum	<i>*Coverage rates will vary, this is an approximation only. Actual coverage will vary due to substrate conditions, surface porosity and ambient conditions.</i>	
Color	Translucent Clear	Shelf Life	2 years when properly stored.
pH	11.5	<i>* Unused portions of Liquid Release Agent will remain usable when stored in a tightly-sealed container. Tighten securely to avoid evaporation.</i>	
Percent Volatiles by Volume	97.7%	Storage	Store in a cool, dry place. Keep from moisture and freezing.
V.O.C. Content	758 g/l	Packaging	1 gallon bottles / 4 per case 5 gallon pail / 36 per pallet 55 gallon drums / 4 per pallet
Weight	6.52 lbs. per gallon	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.
Flash Point	105°F, TCC		
Specific Gravity	1.05		
Tools Required	Hudson®- type pump sprayer S-200 Super-Scrub™		

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 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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