

# S-300R Super-Quik Retarder

TECHNICAL DATA SHEET

## DESCRIPTION

S-300R Super-Quik Retarder is formulated for use with S-300 Super-Quik Part B to slow down the setting time of the dry cement compound allowing more time for the installer to place and finish the mix. This extra time is often needed when making intricate placements of Super-Quik repairs. In warm weather when cement naturally sets faster, Super-Quik Retarder yields an estimated five to seven additional minutes of working time after it is activated with Super-Quik Part A Liquid Activator. Super-Quik Retarder is only necessary in warm or hot weather applications. It is always recommended that a trial batch is first mixed and tested prior to actual use to ensure proper dosage.

## USES

Additive for use with S-300 Super-Quik Part B Dry Cement Compound  
Super-Quik Retarder is to be used only with the S-300 Super-Quik rapid repair system  
Reduces set time of Super-Quik to allow for extended workability in warmer temperatures



## CSI RELATED SECTIONS

03 01 30.71 - Rehabilitation of Cast-In-Place Concrete	32 01 19.62 - Patching of Rigid Concrete
03 31 23 - High Performance Structural Concrete	32 01 26 - Rigid Paving Rehabilitation
03 37 26 - Underwater Placed Concrete	32 01 26.74 - Concrete Overlays
03 53 00 - Concrete Topping	32 01 29 - Rigid Paving Repair

## IMPORTANT INFORMATION

The installer has 3 to 5 minutes to mix, place and finish the repair however, Super-Quik bonds tenaciously to itself and repairs can be made rather easily. A small amount of ammonia may be released from the mixture while the chemical reaction takes place. For interior repairs or when mixing by hand, use a dust mask, approved respirator and heavy-duty rubber gloves. The chemical reaction of the Super-Quik Repair Mix will cause the product to become very warm or hot depending upon the amount of Liquid Activator used. Product will harden immediately once set takes place.

## DIRECTIONS

Add up to up to 7 ounces of Retarder to S-300 Super-Quik Part B Dry Cement Compound. Each packet is designed to add approximately 5 additional minutes of working time to each 25 lb. of Dry Cement Compound. Add Super-Quik Part A Liquid Activator and begin mixing. Always perform a test mix to determine the setting time prior to actual use. Always mix small batches only. Always use a dust mask, approved respirator and heavy duty industrial strength gloves. Refer to Super-Krete S-300 Super-Quik Technical Data Sheet for detailed instructions regarding Super-Quik mixing and application.

## OTHER INFORMATION

**SHELF LIFE:** Ten years when properly stored.

**STORAGE:** No special handling precautions are required. Store in cool, dry conditions, out of direct sunlight.

**APPEARANCE:** White, odorless powder

**PACKAGING:** 4 lb. pail (64 oz.)

**PERSONAL PROTECTION:** NIOSH/MSHA certified respirators should be used.

**USER RESPONSIBILITY:** Before using Super-Krete Products, read current technical data sheet, bulletins, product label and material safety data sheet at [www.super-krete.com](http://www.super-krete.com). It is the user's responsibility to review instructions and warnings for any Super-Krete product in current technical data sheet, bulletins, product label and material safety data sheet prior to use.

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

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[www.super-krete.com](http://www.super-krete.com)

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THE CONCRETE OVERLAY EXPERTS™

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## 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 and relative humidity probe testing to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **Super-Krete® 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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