



## **SB 2721 ASRestore Treatment A**

SB 2721 ASRT A is a safe, non-toxic treatment for concrete affected by Alkali Silica Reaction (ASR). Formulated with lithium acetate and a surfactant package, the SB 2721 is designed for use in higher pH concrete. If diagnosed early, the ASRestore System properly applied can arrest the problem before the damage becomes too extensive. SB 2721 ASRT is part of the ShoreBest™ ASRestore™ suite of products for the prevention, remediation, and restoration of ASR and the damage caused by it.

### **Preparation**

Remove all sealers or coatings that may prohibit the absorption of the SB 2721 into the concrete. Clean the concrete with the proper ASRestore cleaning product to ensure removal of free of oils, dirt, and organic debris (contact your ShoreBest representative for details). Provide protection for surfaces not receiving treatment and pedestrian traffic. Barriers should be placed on non-level concrete to prevent runoff of SB 2721 ASRT, thus allowing maximum absorption of product.

All projects should start with a test application to determine the suitability of the product, acceptable application methods and absorption rates. Test areas of at least 100 square feet are recommended and should involve the worst area to receive treatment.

### **Dilution and Coverage**

Dilution: Product used undiluted -- test application recommended

Coverage rates generally need to be at least 6 gallons per 1000 ft<sup>2</sup> with higher rates required for more highly affected concrete.

### **Application**

In most applications, the objective is to impregnate as much SB 2721 as possible. Substrates displaying the characteristic map cracking damage require and should absorb more material than visually sound concrete. Flood surface of dry concrete by spray application to the point of ponding and allow absorption into the concrete. Repeat this process to a point of saturation where the concrete refuses additional absorption. In hot, dry or windy conditions, it will be advantageous to mist the surface with potable water to counteract the effects of water evaporation. If white salts appear on the surface, more water should be used to scrub remaining product into the surface.

SB 2721 ASRT A may also be applied by vacuum impregnation, pressure injection, or electrochemical means. Coverage rates will vary with application type and absorption rate of concrete. The minimum therapeutic amount of lithium needed to suppress the ASR activity is dependent on the alkali content of the concrete and whether there is a continuing challenge by

applied alkalis such as deicing salts. Petrographic and/or chemical analysis of a core sample may be necessary to determine optimum treatment protocol. Once the optimum amount of lithium ion is impregnated into the concrete, consideration should be given to using the appropriate ASRestore™ product to seal it in.

SB 2721 ASRestore Treatment is for use by professional contractors only. Multiple applications may be necessary to mitigate ASR. Preparing concrete with proper products is essential for best coverage. Keep from freezing.

### **Technical Data**

Appearance: Clear to Yellow	pH: 6
Flash Point: NA	Solubility: 100%
Foaming: NA	Stability: Good
Odor: Slight Vinegar	Wetting Ability: Excellent

### **Safety**

There are no GHS ratings for this product at this time.

Refer to product SDS or product label for hazard statements, precautionary statements and safety information

### **Warranty**

Shore Corporation warrants that this product conforms to the chemical composition described in the Product Label. SHORE CORPORATION EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Shore Corporation shall not be responsible for any direct or consequential damages sustained as a result of the use of this product. Further, Shore Corporation shall not be liable for personal injuries, property damage or any other damages as a result of the use of this product, the sole responsibility of Shore Corporation under the within WARRANTY being the replacement of any nonconforming product. Acceptance and use of this product absolves Shore Corporation from any other such liability whatsoever and from whatever source. The within WARRANTY may not be modified or extended by Shore Corporation representatives or distributors, neither of which are empowered to make any product representation inconsistent with the terms hereof.

### **Contact**

Trained representatives are available to assist with project assistance and product recommendations. Call **412/471-3330**.