

# PCS Surface Retarder™



## Retarder for Horizontal Exposed Aggregate Surfaces on Fresh Concrete with Nominal Depth Etch to 1/4"

### DESCRIPTION

**PCS Surface Retarder** is a concrete surface retarder designed to retard the initial set time of surface mortar to expose aggregate surfaces. **PCS Surface Retarder** is a nonflammable, sprayable liquid designed for application to freshly placed, horizontal concrete surfaces. **PCS Surface Retarder's** special, organic formulation reacts with the cement in the surface mortar to delay initial set and remain workable for an extended period of time. When the concrete has hardened to approximately 1500 psi, the retarded mortar paste may be removed by flushing with a gentle stream of water and/or removed by scrubbing with a stiff brush.

### APPLICATIONS

**PCS Surface Retarder** should be used to create exposed aggregate surfaces on sidewalks, roadways, patios, and exposed aggregate panels to enhance the architectural beauty and to achieve a more slip-resistant surface.

### DIRECTIONS FOR USE

**PCS Surface Retarder** should be applied without dilution to freshly placed, horizontal concrete surfaces immediately following final finishing operations. It should be applied by low pressure sprayer evenly to insure uniform depth penetration. Treated surfaces should then be covered to prevent rapid evaporation.

The retarded mortar should be flushed from the surface with water within 12 to 24 hours after application depending upon weather conditions and the use of concrete accelerators. Protect From Freezing.

### RECOMMENDED COVERAGE

**PCS Surface Retarder** should be applied at the rate of one gallon per 100 square feet to provide retardation of approximately 1/8" to 1/4" depth etch.

#### **Tips For Best Results:**

- Apply evenly to fresh concrete surfaces to insure proper and uniform etch into concrete surface. **PCS Surface Retarder** has been colored green to make it easier to see where product has been applied.
- Treated concrete surfaces should be covered with plastic sheeting to prevent rapid moisture loss.
  - A light muriatic acid wash (10% acid) is recommended to remove any residual lime build-up that may dull the natural beauty of the exposed aggregate.
  - A high quality, non-yellowing cure and seal is recommended for use on exposed aggregate to enhance the natural appearance while protecting it from staining, exposure to freeze-thaw cycles and commonly used de-icing chemicals.



PREMIERE CONCRETE SOLUTIONS

P.O. Box 157 • 508 Cedar Street • Pioneer, Ohio 43554

Phone: (800) 503-3418 • Fax: (419) 737-9400

Email: [support@premiereconcretesolutions.com](mailto:support@premiereconcretesolutions.com)

Website: [www.bearcoat.net](http://www.bearcoat.net)

# PCS Surface Retarder™

## SHELF LIFE

18 Months

## PACKAGING

Available in 1-gallon containers, 5-gallon pails, and 55-gallon drums



*This Product is formulated and labeled for Industrial and Commercial Use only. For best results and safest usage, user is specifically directed to consult the current material safety data sheet and package label for this product.*

Premiere Concrete Solutions warrants its products to be free of manufacturing defects and that they will meet Premiere Concrete Solutions current published physical properties when applied in accordance with Premiere Concrete Solutions directions and tested in accordance with ASTM and Premiere Concrete Solutions standards. Premiere Concrete Solution makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Premiere Concrete Solutions shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. In no case shall we be liable for consequential or special damages. Even if we have been advised of the possibility of such damages. The foregoing warranties are in lieu of all other warranties, guarantees, co-conditions and representations, either expressed or implied, whether arising under any statute. Common Law, usage or trade, course of dealing or otherwise, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.