

## RussTech Surface Retarder

***RETARDER FOR HORIZONTAL  
EXPOSED AGGREGATE  
SURFACES ON FRESH  
CONCRETE WITH NOMINAL  
DEPTH ETCH UP TO 1/4"***

### **DESCRIPTION:**

**RUSSTECH SURFACE RETARDER** is a concrete surface retarder designed to retard the initial set time of surface mortar to expose aggregate surfaces. **RUSSTECH SURFACE RETARDER** is a nonflammable, sprayable liquid designed for application to freshly placed, horizontal concrete surfaces. **RUSSTECH 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.

### **APPLICATION:**

**RUSSTECH 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:**

**RUSSTECH 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:**

**RUSSTECH 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. **RUSSTECH 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, such as **RUSSTECH CURE & SEAL 300**, **CRETESEAL 30** or **STAMPCRETE 30** 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.

**PACKAGING:**

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

**WARRANTY:**

RussTech Inc. guarantees **RUSSTECH SURFACE RETARDER** to be free of contaminants and to perform as described when used according to directions. All information herein is believed to be true and accurate and is presented in good faith. RussTech, its agents and distributors assume no responsibility for any risks or liability which may arise from either use or performance of this product since conditions, applications and the capabilities of applicators are beyond our control.

**SHELF LIFE:**

18 months

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"We Add The Difference"