



# QuartzMax

## Surface Shake-on Hardener Natural

### **Description:**

A unique blend of Silica Quartz aggregate sands, cements and additives that impact hardness and density to the surfaces over regular concrete. Produces an abrasive resistant floor. Color is natural gray cement color (non pigmented).

### **Uses:**

Used on horizontal fresh poured concrete on any type of flatwork that is used for heavy traffic, commercial uses and anywhere hardness, abrasion and durability is an issue.

### **Instructions, rate of application and limitations:**

As with all fresh concrete, curing is a necessity to achieve a surface free from rapid surface drying defects and efflorescence. Use a membrane type curing and sealing compound meeting ASTM C-309.

**Rate of application** for industrial pedestrian applications, use no less than 50 pounds per 100 Sq./Ft.

For commercial areas no less than 70 pounds per 100 Sq./Ft. The rate of 1 pound per Sq./ft. is the general rule of thumb for severe use.

### **Installation:**

Start application as soon as the floated concrete surface water starts to turn dull. Pay special attention to slumps, sub grade load bearing, drainage capacity and evenness of base to avoid possible crack developing. Use normal grade concrete of at least 5 sacks of Portland cement per cubic yard without high range plasticizers, excessive air entrainment that can create blisters and pop outs, or high level of Fly Ash Do not use Calcium Chlorides. Adjust timing when broad-casting the Shake-on to provide sufficient support and moisture for bonding and wetting out to provide the proper finish. Avoid adding any surface moisture that could cause staining and color inconsistency. Fibers, water reducers in high dosages are not recommended because they provide little bleed water to wet out. Product is to be used by experienced craftsmen familiar with these types of product installations.

### **Packaging and Shelf life:**

50 pound hot sealed moisture proof plastic bags. And 50 pound pails. Shelf life is one year when stored inside in a dry cool place.

### **Applicable Standards:**

Fresh concrete shake-on type hardening compounds.

### **Product Safety:**

Avoid inhalation of dust. Use eye and skin protection. Contains silica and Portland cements which can be harmful with prolonged exposure.


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**Warranty:** When product is used according to directions, warranty is limited to the refund of the purchase price if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor direct or indirect, and incidental or consequential damages related to the use or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or end user.

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