



# RENEW-IT

## Technical Data Sheet

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### **Description:**

Floor resurfacing product designed to restore damaged concrete surfaces due to weathering, physical damage, staining and other causes.

This product is a polymer modified powder that only requires the addition of clean potable water for mixing and use. Can be floated or light brushed to finish and provides a long lasting surface for any interior or exterior use, from feather edge to 2".

### **Surface preparation:**

Surfaces must be at least 28 days old and a minimum of 2500 psi. It is important to provide a clean surface free from dusting, oils, dirt and laitance which could produce a questionable surface bond. Pressure clean and acid etch to open pores and repair any cracks or delaminating prior to product installation. Open cracks will transfer to the new surface. Smooth surfaces should be mechanically roughened and bonding agent should be used. If surface appears to be questionable, use VAE type bonding agent.

On smooth concrete, it is best to mechanical profile the substrate for improved bond.

### **Mixing:**

Measure 3.75 qtrs. of potable water and add into a clean empty pail. Slowly add the 50lb unit while mixing with a drill mixer. Mix to a consistency similar to a pancake batter, mixed thoroughly (smooth and without any lumps).

Wait until all entrapped air bubbles bleed to the surface before using.

### **Installation:**

It is best to pre-dampen areas before installing the mixed product. Apply a uniform coat to the required thickness using a screed or similar tool. Normally this product will not be needed any thicker than one inch to produce acceptable results. However, to change pitch situations it can be built to a full two inches.

Finish immediately.

Mix only the amounts of material that can be

placed in the allotted time.

(setting time depends on temperature and relative humidity)

Do not try to re-temper material once it starts to harden.

### **Protection & maintenance:**

Polymer modified product can be easily soiled by dirt and tire marks.

To keep clean, sealing the surfaces is necessary.

Use any type of membrane sealer after 24 hours of installation for best results.

To clean, use a detergent products to remove dirt and grease at regular maintenance intervals.

Reseal when necessary to upkeep the surfaces clean and in good shape.

### **Other finishes:**

Renew-It achieves a broomed or a smooth finish. It also achieves other textured finishes such as spray knock down finishes by spraying and texturing a top coat over the base coat.

You can use stains and tints to produce different color schemes as lines and other shapes using tapes and stencils. We do not recommend to add integral color to this product because consistent color over the surface is not guaranteed.

### **Packaging and coverage:**

Product is supplied in 50 pound pails or multi-wall bags.

Coverage is 80 to 90 Sq./Ft. at 1/16 in.

### **Technical Data:**

Compressive strength. ASTM C-109

1-day: 2200 psi

7-day: 4000 psi

28-day: 4500 psi

Bond strength. ASTM C-882

1500 psi



**Clean up:**

Washes off with soap and water. Dried material can only be removed by mechanical means.

**Product Safety:**

Please follow safety precautions when using products containing Portland cement and silica powders. It can produce alkaline skin burns and breathing dust can cause respiratory irritation, wear gloves and protective clothing. Avoid creating and breathing dust. Use breathing protection. Portland cement and silica dust can cause respiratory irritation. Long term exposure can create a chronic condition known as silicosis. Read all information on the Material Safety Data Sheet for complete information and safe handling.

Keep away from children and pets. Discard un-used materials responsibly.

**Limitations:**

Do not attempt placements on hot days onto a hot dry substrate. Material will not properly adhere to surface, or in freeze thaw conditions where temperatures are expected to fall below 50°F to freezing while the placement is curing.

**Warranty:** When product is used according to directions and when properly used, warranty is limited to one year after product is supplied to the purchaser in the original container. Refund of the purchase price only if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen. with sufficient knowledge and experience on use and proper handling of these products. The purchaser agrees to assume all responsibility for installation, product selection, application, job warranties, use, transport and disposal of product. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor or 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 user. This product does not contain hazardous or controlled substances considered harmful to the environment.

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