



# RENEW-IT

## Technical Data Sheet

### **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 only requiring the addition of clean potable water prior to mix and use. It can be floated smooth or lightly broomed to provide a new surface. Can be installed from 2" to feather edge. For interior or exterior use.

### **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 prior to installation, as cracks will transfer through the new surface. Repair any delaminating to provide stable substrate for installation. Smooth surfaces should be mechanically roughened. Acrylic bonding agent should be surface applied if it appears substrate is too dusty or weak and such that could produce a questionable surface 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 proceeding to install.

### **Installation:**

Pre-dampen areas before installing the mixed product. Apply a uniform coat to the required thickness using a screed or similar tool. Pitched areas can be built to a full two inches.

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.

Initial set: 15 to 20 minutes.

Final set: 3-4 hours.

Wheel traffic: 24 hours

### **Protection & maintenance:**

For best results, we recommend to seal the surfaces before placing areas into service to avoid dirt and tire marks that can be difficult to clean.

Clean using a detergent solution to remove dirt and grease at regular maintenance intervals.

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

### **Finishes:**

Renew-It can be finished to a broomed or a smooth finish. You can achieve other finishes such as a "knock down look" by spraying a texturing top coat once hardened.

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

### **Packaging and coverage:**

Product is supplied in 50 pound pails.

Available in multiwall bags.

Average coverage: 60-80 Sq./Ft. at 1/8 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

Questions and inquiries:

Mon-Fri 8 am to 4pm

(954) 657-8812

Fax (954) 657-8631

Pompano Beach, Florida.

[www. Builderscolor.com](http://www.Buildercolor.com)



**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 inhaling 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.

**Limitations:**

Do not attempt placements on hot days onto a hot or 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 product is curing.

**Warranty:** When product is used according to directions and 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 experienced on use and proper handling of these type of products. The purchaser agrees to assume all responsibility for installation, product selection, application, job warranties, use, transport and disposal. 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. While we make every effort to publish the most accurate information, we reserve the right to correct mistypes and incorrect statements as they are discovered. If at any time you have doubts about the contents of any of our literature please call us.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN AND PETS.

[www.Builderscolor.com](http://www.Builderscolor.com)

Builders Construction Products, Pompano Beach, FL (954) 657-8812 Fax: (954) 657-8631

“THE QUALITY OF OUR COMPANY SHOWS IN IT’S PRODUCTS”

All rights reserved, Builders Construction Products 2-2014

