

1. PRODUCT NAME

Renew-Crete® Bond Coat

"A Co-Polymer-Modified Overlay patching and leveling compound and bonding agent."

2. MANUFACTURER

Renew-Crete® Systems, Inc.
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3. PRODUCT DESCRIPTION

Renew-Crete® Bond Coat is a one component, high performance blend of high quality Portland Cement, modified Co-Polymers, Silica Sand and Iron Oxide Pigments. It is designed for maximum Strength, flexibility, adhesion, abrasion resistance, and freeze/thaw resistance. By having all of the necessary ingredients pre-blended in a controlled environment, proper ratios of Co-Polymer to cement, and cement to silica sand is consistent, which promotes product uniformity, and because of the unusual characteristics of this formulation, it may be used for many different applications.

Advantages

- Superior Adhesion
- Abrasion Resistant
- Maximum Flexibility
- Extended Set Time
- UV Stable
- May be Chemically Stained
- From Featheredge to several inches in thickness
- Enhances job productivity and reduces job-site errors.
- Superior for patching and leveling concrete
- Initial cure in 1 hour (based on 1/32 inch)
- Superior bond strength.

Benefits

- *Non-shrink for maximum adhesion and durability*
- *Resistant to freeze thaw and automotive vehicular traffic*
- *Thermal expansion similar to concrete*
- *Easy to trowel, broom, squeegee or spray apply to achieve desired finish*
- *Superior bond strength on cured to cured, or fresh to cured concrete.*
- *Works on vertical as well as horizontal surfaces*
- *One component: just add water.*
- *Moisture insensitive after initial cure.*

Basic Uses

Renew-Crete® Bond Coat is widely used to resurface and restore existing concrete surfaces. The Renew-Crete® surface restoration system provides an attractive appearance to irregular, worn and damaged concrete surfaces.

Use For

Concrete Bonding
 Patching / Leveling and Repairing
 Broomed / Textured finishes

Commercial / Residential
 Industrial
 Interior and exterior

Mix Ratio: 1-45 Lb. Pail/Bag Re-Coat to 1-1/2 gallons clean cool water.

4. **TECHNICAL DATA**

Compressive Strength

28 Days Air Cure 6450 psi

Tensile Strength

28 Days Air Cure 890 psi

Flexural Strength

28 Days Air Cure 2665 psi

Coverage (Approximately)

140 sq. ft. at 1/32" 70 sq. ft. at 1/16"

35 sq. ft. at 1/4" 40 sq. ft. at 3/8"

Thermal Compatibility 5 cycles no delaminating
 Scaling 25 cycles, none

Impact Strength (IN-BS.)

28 Days Air Cure 20

Abrasion Resistance

% Weight Loss
 28 Days Air Cure 1.15

Shear Bond

28 Days Air Cure 2560 psi

***Testing results from an Independent Laboratory**

*The information contained herein is based on data believed to be reliable, but Renew-Crete Systems, Inc. makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by others.