

1. PRODUCT NAME

Renew-Crete®

“Roll Coat”

"A Paintable Cement Coating "



2. MANUFACTURER

Renew-Crete Systems, Inc.
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3. PRODUCT DESCRIPTION

Renew-Crete® Roll Coat is a one component, high performance blend of high quality Portland cement, fine silicates, modified Co-Polymers and can be used to resurface almost any concrete surface both horizontal and vertical and when pigmented, eliminates the need for painting and becomes an architectural coating. It is designed for maximum strength, flexibility, adhesion, abrasion resistance, and freeze/thaw resistance. Renew-Crete Systems uses all of the necessary ingredients and pre-blends them in a controlled environment. This ensures the proper ratios of polymers to cement, and cement to fines and silicates are consistent. This promotes both product and application consistency saving you time on the job-site. This formulation may be used for many different decorative applications, and can be textured, colored (standard or custom), stained and or sealed.

Renew-Crete®. Roll Coat can be used to protect or restore and/or color to most concrete, asphalt, wood or foam surface without changing the appearance of pattern and/or texture.

4. PRODUCT USES

Concrete: Roll-Coat may be used to restore cement in the way seal coat is used to restore asphalt, Great for roadways, bridges, drives, warehouse floors, tilt-up constr., etc. Roll coat has a denser matrix, so seals out most elements, and acts as a hardened surface for longer wear life. **Roll Coat** is widely used to restore color on existing decorative concrete surfaces, such as stamped concrete, or to change the color completely.

Asphalt: Roll-Coat is a cement based protective coating against the harsh elements that destroy asphalt such as sun, rain, oil and heat. Roll-Coat may be used to seal coat asphalt, and give a much longer service period over asphalt seal coat, while offering reduced heat, a more attractive color option and ultimately a greater lifespan.

Color: Roll-Coat can be used alone or with Renew-Crete color packs for a consistent integral color look., and is available in neutral gray (normal concrete color) or white and may be custom tinted also.

Roll Coat is ideal for protecting, refinishing and/or coloring:

- *Interior or Exterior
- *Pre-Cast Concrete Structures
- *Commercial Parking Areas
- *Commercial Pool Decks
- *Residential Pools Decks
- *Architectural Foam
- *Interior and Exterior Walls
- *Cement or Stucco Walls
- *Water Treatment / Power Plants
- *Concrete Roads & Bridges
- *Mall Floors and Walls
- *Commercial/Industrial Flooring
- *Brick Pavers
- *Asphalt Roads*
- *Walkways/Driveways
- *Retaining Walls
- *Re-Coloring Concrete
- *Tilt-Up Construction
- *Shower Walls
- *Seal-Coating Asphalt
- *Many more uses

ADVANTAGES:

- Superior Adhesion
- Abrasion Resistant
- Weather / Stain Resistant
- Maximum Flexibility
- Fast Set Time
- UV Stable
- Thermal Expansion Similar to Concrete
- Can Be Sealed

- Great for Rain Damaged slabs
- Freeze Thaw Resistant
- Simple Water Cleanup
- Allows Moisture to escape
- Low Labor Cost
- Color Fast to 1400 deg. F
- Moisture Insensitive
- Applies to damp surface
- Can be Custom Tinted

- Easy to use and Apply
- Durable Cement Finish
- Dense Matrix Resists Mildew
- Can Be Stained
- Consistently Uniform
- Easily Refinished/Repaired
- Vertical or Horizontal surfaces
- One Component (add water)
- Avail. White, Neutral or add Color Packs (See Color Chart)

Renew-Crete Systems, Inc. Technical Data Sheet for Renew-Crete® Roll Coat Mix

ENVIROMENTAL BENEFITS:

*Completely Green Product	*No Volatile Organic Compound's	*Non-Toxic
*Non-Flammable	*Can Replace Solvent Based Paints	*No Fumes
Reduce Heat from Asphalt	*No Hazardous Waste or by product	*Permanent

4. TECHNICAL DATA

Compressive Strength (IN-BS.) 28 Days Air Cure	4523 psi	Impact Strength (IN-BS.) 28 Days Air Cure	16
Tensile Strength 28 Days Air Cure	680 psi	Abrasion Resistance % Weight Loss 28 Days Air Cure	1.15
Flexural Strength 28 Days Air Cure	1835 psi	Shear Bond 28 Days Air Cure	1835
Coverage (Approximately) 1000 sq. ft. at 3 mil 400 sq ft at 5 mil			



5. SURFACE PREPARATION

The concrete or asphalt surface must be clean and free from all sealers, paints, grease, oil or any other contaminates. Thoroughly degrease and wash the concrete surface using Renew-Crete Super Blue Surface Prep.. Using a pressure washer completely wash the surface, making sure to rinse the surface thoroughly clean of all debris and contaminates.

Note: If the concrete surface is dense or is a hard troweled surface a 4-1 acid etch, rinse and nuetralize, and a primer coat of Renew-Crete Prime it must be applied, and allowed to dry prior to the Roll-Coat Product.

6. MIXING

Measure 2.5 Gallons of cool clean water, add **2 Color Packs** and stir. Slowly add the **Roll Coat** to the water while mixing using a drill with a paddle mixer. Mix thoroughly for 2 minutes. The finished product should be the consistency of a thick paint.

Let the product sit for 5 min to develop a false set, then re-agitate for 1 min and add the remaining water to consistency desired up to 1/2 gal. More maximum (3 gallons max total). Keep water content consistent to avoid color inconsistencies (once dry for 4 hours, a 15-1 muriatic acid wash evens colors)

Note: the product has about a 2 hour pot life, re-agitate to freshen up, adding a dash of water if needed.

7. APPLICATION

Roller: Lightly mist the concrete surface with cool clean water, Do Not Puddle. Using a heavy nap (3/8 or larger) apply the **Roll Coat** making sure to get an even application without roller marks. Recommended application is 2 coats, change direction between coats.

Texture Sprayer: Start by misting the surface with water (damp, no standing water), or use 3 gallons of water in the mix with little to no misting. Apply at about 15-20 PSI with smallest tip (1-1.5mm).

Graco Sprayer: Start by misting the surface with water (damp, no standing water), or use 3 gallons of water in the mix with little to no misting. Apply at about 15-20 PSI with smallest tip (1-1.5mm)

RTX 650-1200



Coverage: Rolled	400-600 sq ft
Sprayed	500-1000 sq ft