

## Product Description

**RENEW COAT®** is a single-component polymer-modified high-quality cementitious repair and resurface compound available in two variations designed to cater to lift depths and appropriately categorized as “Coarse” and “Fine”. The “Fine” (F) version of **RENEW COAT®** is ideal for applications from 1.25-inches (3.175-cm) down to featheredge, while the “Coarse” (C) version of **RENEW COAT®** is ideal for applications from 0.5-inches (1.27-cm) to 2-inches (5.08-cm). **RENEW COAT®** is the ultimate resurfacing product and a chosen staple of the largest industry professionals making it an ideal product for parking garages, driveways, walkways, cart paths, interior and exterior floors, pool decks and patios, and is used in an ever-increasing number of application types on a continuous basis.

## Installation

Before using this product, please refer to the Safety Data Sheet for additional information. Proper handling precautions **MUST** be followed. The conditions of use, handling, and application of this product and information (whether verbal or written), including any suggested formulations and recommendations, are beyond Lambert Corporation’s control. Therefore, it is imperative that testing be performed to determine satisfaction and suitability for intended use and health, safety, and environmental issues. The following information is meant as a guideline of best industry practices. While Lambert Corporation does suggest adherence to these guidelines, unforeseeable variables and/or developed successful installer practices may cause variation in methods and/or results. Transportation, storage, means of utilization, and methods of application are not the responsibility of, nor within the scope of control of Lambert Corporation, and any question regarding the appropriate application of these products must be addressed with Lambert Corporation representatives prior to use. Field visits by Lambert Corporation personnel are for the purpose of making technical recommendations only, and not for supervising or providing quality control on the jobsite.

## Surface Preparation

Concrete substrates must be structurally sound and fully cured (greater than 28-days since initial placement). Saw cut the perimeter of the area being patched into a square with a minimum depth of ¼-inch (6-mm). Remove all unsound concrete and roughen the surface to a minimum ¼-inch (6-mm) or a Concrete Surface Profile of 5 or greater (ICRI 310-2R). Remove all laitance, oil, grease, curing compounds, and other contaminants that may negatively affect the bonding capability of the **RENEW COAT®**. The concrete substrate should be saturated surface-dry (SSD), free of all standing water, directly prior to application.

## Mixing

Product and appropriate water amount must be mixed via mechanical means; manual agitation is not acceptable. A paddle type mixer or a revolving concrete mixer can be used. Use containers and personnel processes that facilitate continuous placement. Place water into mixing vessel before dry **RENEW COAT®** material. **RENEW COAT®** will require approximately 3.75-qts (3.5-liters) potable water per 50-lbs (22.7-kg) bag or 3-qts (2.8-liters) potable water per 40-lbs (18.1-kg) pail to achieve correct mixture. Blend for 4-minutes 30-seconds before placing material.



Packaging:

50-lbs (22.7-kg) Bag

40-lbs (18.1-kg) Pail

## Application/Placement

Apply the mixed material onto the prepared saturated surface-dry (SSD) substrate by gloved-hand, trowel, float, or screed. Ensure proper consolidation of the mortar and compaction around correctly-addressed reinforcing steel. Minimum application thickness is ¼-inch (6-mm). Finish the completed repair, as necessary, preventing overworking of the surface.

## Limitations

**RENEW COAT®** is cement based. Follow ACI recommended practices. Do not add cement, plasticizer or accelerator. Avoid placement when temperatures are, or will be below 45°F (7.2°C) within 24 hours. If it is placed with excess water

or at low temperature, both the compressive strength and expansion properties may be adversely affected. For applications greater than 4-inches (10.2-cm) in depth, use 25 – 50-lbs (11.4 – 22.7-kg) of <sup>3</sup>/<sub>8</sub>-inch (10-mm) washed, graded, rounded, low absorption, high-density aggregate per 50-lbs bag. Do not retemper after initial mixing.

## Technical Information

The following technical information was obtained using a water to non-extended **RENEW COAT**<sup>®</sup> ratio of 3.75-qts (3.5-liters) to 50-lbs (22.7-kg) at 73°F (22.8°C).

Set Time (minutes) - ASTM C-191	Initial	75
	Final	90
Compressive Strength (psi) - ASTM C109	24-hours	>1,250
	3-days	>1,500
	7-days	>2,000
	28-days	>6,000

## Coverage

One 50-lbs (22.7-kg) bag of **RENEW COAT**<sup>®</sup> will yield 0.42-ft<sup>3</sup> (0.0119-m<sup>3</sup>) of mortar or cover 5.04-ft<sup>2</sup> @ 1-inch (0.47-m<sup>2</sup> @ 25.4-mm) thick. One 40-lbs (18.1-kg) pail of **RENEW COAT**<sup>®</sup> will yield 0.34-ft<sup>3</sup> (0.0096-m<sup>3</sup>) of mortar or cover 4.08-ft<sup>2</sup> @ 1-inch (0.38-m<sup>2</sup> @ 25.4-mm) thick.

## Clean-Up

Product can be cleaned up by sweeping, paying attention to minimizing the creation of excess dust. Use water to clean tools and equipment immediately following application. Finished/cured product must be removed with mechanical means.

## First Aid

Cement powder or freshly mixed concrete may cause skin injury. Avoid contact with skin and wash exposed skin areas promptly with soap and water. If any cement powder or mixture gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention. Avoid overexposure to the airborne dust. If inhalation occurs, remove to fresh air area. If any discomfort or breathing issues occur, seek immediate medical attention. Refer to product Safety Data Sheet for further information.

## U.S. State of California Proposition 65

This product contains material listed by the State of California as known, when treated improperly, to cause cancer, birth defects or other reproductive harm.

## VOC Content

0 -g/L or 0-lbs/gal less exempt content

**KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.**