

Resurface Rough or Uneven Concrete Surfaces prior to application
of UCoat It Epoxy Floor Systems

URestore[™] **CONCRETE RESURFACER**

APPLICATOR GUIDE



Assistance or technical support call
1-800-UCoat-It (800-826-2848)

or visit our online technical guide at
www.UCoatIt.com

Your URestore Kit

Please take a moment to familiarize yourself with the contents of your URestore Kit. This kit has been assembled in our plant to deliver to you the finest floor resurfacing materials and to enable you to achieve the best results.

The following items are included in every URestore Kit:

- 50 Lbs. URestore Aggregate Flour.....
- 1 Gallon URestore Acrylic Polymer.....
- 1 Gallon URestore Bonding Agent
- 1 Five gallon mixing pail
- 1 URestore Installation Guide (this document)



Each URestore Kit will cover an average of 150 sq.ft.

Coverage of each mixed unit depends on application technique and application temperatures.

If your area appears that it will require additional URestore material, you will need to order additional kits. It is always better to have extra materials on hand to ensure the proper completion of a job. Call UCoat It at 1-800-826-2848 to speak with a customer service representative for help determining the amount of material required for your area.

The URestore Small-Patch Kit is available as an additional purchase. It is ideal for small areas of minor surface repair.

If purchased, the following items are included in every URestore Small-Patch Kit:

- 10 lbs. of URestore aggregated flour, 1 quart of URestore acrylic polymer,
- 1 quart URestore bonding agent, mixing pail, and application instructions.

Each URestore Small-Patch Kit will cover an average of 30 sq.ft.

Coverage of each mixed unit depends on application technique and application temperatures.



The URestore Tool Kit is available as an additional purchase and contains all the tools commonly used with our URestore concrete resurfacer system.

If purchased the following items are in the URestore Tool Kit:

- 1 Five gallon mixing pail
- 1 Mixing Paddle (Power Mixer)
- 1 Squeegee
- 1 2" disposable trim Brush
- 1 9" Roller Frame
- 1 3/8" nap Roller Cover
- 1 Toothed Trowel
- 1 Pointed Trowel
- 1 Pair Safety Glasses
- 1 Pair disposable latex gloves
- 1 Drop Cloth/Clean-up bag



URestoreTM **Concrete Leveler & Resurfacer**
for use with UCoat Epoxy Floors
CONCRETE RESURFACER

BEFORE YOU BEGIN

Product Description. 1

INSTRUCTIONS

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When cured, requires UCoat epoxy floor coating application and may not be used on its own.

For technical support, call (800) 826-2848
Monday-Friday: 9:00am-6:30pm EST
Closed Weekends and all major holidays.

NOTE: A voice message may be left for Technical Support during non-business hours.
Our website is also available for many troubleshooting issues - www.UCoatIt.com

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Product Description

URestore is a aggregated flour-like mix that is blended with an acrylic polymer binder. The mixed material is poured out over the surface and squeegeed or hand-troweled smooth. Once dry, the material is top coated with the UCoat epoxy floor coating system. The URestore Kit includes URestore Bonding Agent water proofing primer. For proper application, URestore™ Bonding Agent waterproofing primer should be applied prior to the application of URestore.

Recommended For:

Resurfacing rough or uneven concrete as well as resurfacing over mastics and glues. For exterior or interior use (patios, pool decks, porches, warehouse floors or garages).

Coverage:

Each URestore Kit will cover an average of 150 sq.ft. Each Small-Patch Kit will cover an average of 30 sq.ft. Coverage of each mixed unit depends on application technique and application temperatures.

Shelf Life:

6 months avoiding extreme heat and freezing. Keep in dry areas.

Preparation to Concrete:

1. The concrete should be clean and sound, free of any dirt, debris, oil, grease and any other contaminants that may interfere with bonding or ruining the desired finish.
2. Treat any stains with USolv®, UDegrease® or another high-quality, water-washable degreaser. In some cases, dishwasher detergent may be used to adequately clean the surface. Scrub the area with a stiff bristled broom to agitate the stain. Rinse the area and inspect again. Discoloration is generally not a problem, however if water continues to bead on the surface, re-treat the stain and scrub again until water no longer beads on the stain.
3. After cleaning and degreasing the surface, you will rinse the area with a mild acidic solution to neutralize pH levels and promote better adhesion of URestore Bonding Agent. Fill your empty UCoat bucket $\frac{3}{4}$ full of fresh water and add $\frac{1}{2}$ gallon of muriatic acid or two (2) quarts of UPrep-CLC and stir the solution lightly. Refer to the UPrep-CLC instructions for more details. Take proper care when handling the acid solution, using safety goggles and gloves. When mixing with water, always pour the water in first then add the acid. Pre-rinse your concrete floor and pour the mixed solution over the area being prepared using your stiff-bristled broom to gently agitate the solution. Rinse and then repeat this step once more over the entire floor.
4. Rise the floor two or three times thoroughly with fresh water to further neutralize the chemicals and flush away the soils and debris. Soak up any standing water and puddles. If unable to saturate thoroughly with fresh water, sprinkle the floor with baking soda to promote neutralization of the acid, and rinse clean. In enclosed areas (such as basements) without floor drains, a mop and bucket may be used.
5. Final preparation includes masking off walls, door thresholds, drain plates or any other permanent fixtures.

URestore Bonding Agent

URestore Bonding Agent is a water-based acrylic floor sealer designed to penetrate deeply into the pores of concrete floors binding together concrete dust and chalk and creating a stable base for the URestore resurfacing system.

Components needed:

- One Gallon URestore Bonding Agent

Tools needed:

- 9" roller and handle with clean 1/2" nap roller

Application of the URestore Bonding Agent:

1. Pour the URestore Bonding Agent in to a clean mixing pail. Once poured, you must use all of the material within an allotted pot life of 1-2 hours or the material will congeal in the pail becoming unusable.
2. The URestore Bonding Agent can be applied by brush or a lint-free roller (3/8" nap). With a 2" trim brush, begin coating by trimming along the wall edges. If you have a helper, he or she can trim ahead as you begin to roll out the URestore Bonding Agent over the rest of the floor.
3. Attach the 9" roller handle with cover to your threaded extension pole so that you may easily apply the URestore Bonding Agent directly from the mixing pail. Dip the attached roller into the pail and saturate the roller with the material. Withdraw it from the bucket and roll it out in a thin even coat, spreading it over the floor in a "M" and "W" pattern. As you apply the URestore Bonding Agent you will notice that as the product dries it will become clear in color.
4. Allow 2-4 hours to dry before proceeding with URestore.

URestore Concrete Resurfacer (first coat)

An acrylic polymer coating system enriched with silica flour and aggregate. When cured, requires UCoat epoxy floor coating system installation over top, and may not be used on it's own.

Components needed:

- 50 Lbs. URestore Aggregate Flour
- 1 Gallon URestore Acrylic Polymer
- Mixing Pail (5 gallon or larger)

Tools needed:

- Mixing Paddle
- 600 rpm variable speed drill
- Squeegee
- 2" disposable trim Brush
- 9" Roller Frame
- 3/8" nap Roller Cover
- Trowel
- Hose with nozzle

Mixing and application of URestore Concrete Resurfacer:

1. Using a clean mixing pail pour 25 lbs. of URestore flour to 1/2 gallon of URestore Acrylic polymer (5 part flour to 1 part acrylic polymer). Do not mix more than can be applied within twenty minutes at 80 degrees.
2. To mix the URestore flour and URestore Acrylic Polymer use a Mixing paddle on a 600 rpm variable speed drill. Mix for 3 to 5 minutes or until the flour is completely moistened. The mixed URestore should have a lump free and flowing consistency.
3. Allow the mixture to seat up to five minutes and then remix for another three to five minutes. Now you may apply URestore.
4. The pot life of URestore is approximately twenty to thirty minutes at 68 degrees. Do not apply URestore when air or concrete temperatures are below 50 degrees during application.
5. Now using a trowel spread URestore over the concrete surface. Do not apply more than 1/16" thick and do not over work the material as it will cause URestore to lose its moistness.

TIPS:

- Make sure to rinse off trowel with fresh water to maintain a smooth finish.
 - When applying URestore keep pail from direct sunlight as it will reduce your working time.
6. Once finished with 1st mix proceed with mixing another 25lbs. of URestore Flour to ½ gallon of URestore Acrylic Polymer and then repeat step 2.
 7. Once complete allow the coating two to six hours to dry depending on concrete temperature and humidity levels.

Once dry you may seal the URestore with either the UCoat water based system or UGlaze water based top coat system.