

Restore-A-Garage Epoxy Coating

Product Data Sheet

Manufacturer:
RAD OPW, LLC
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DESCRIPTION

Restore-A-Garage is an advanced, water-based, concrete epoxy floor coating used for maximum protection and longevity. Restore-A-Garage Epoxy Coating is a 100% solid, high build garage floor epoxy coating that undergoes a chemical reaction that results in a thick coating, tightly bonded to the prepared surface. Restore-a-Garage Epoxy Coating will protect against abrasions, stains, impact, and chipping and is resistant to moisture, dirt, chemicals, and salts making it ideal for those living in climates where rain and snow are common as the seasons change.

Use Restore-A-Garage to give old worn-out floors a new abrasion-resistant surface that will stand up to acids, alkalis, solvents, heat, and cold. It will also protect floors from wear, spills, and damage.

WHERE TO USE

Restore-A-Garage Epoxy Coating is ideal for all concrete types such as garage floors, warehouse floors, industrial floors, shop floors, basements, concrete patios, concrete counter tops, wood, and metal.

ADVANTAGES

- High Performance 100% Solids Resin-Based Epoxy Coating
- Can be applied to concrete, wood and metal surfaces
- Available in Multiple Colors
- Decorative Fleck can be added
- High Gloss Finish
- Low VOC content

RESTORE-A-GARAGE EPOXY TIP SHEET

1. Do not apply if temperature is below 55° F or above 85° F.
2. All prior coatings must be removed or grinded off to adhere properly.
3. Apply only when temperature and humidity is at their lowest point of the day. AVOID HOT DIRECT SUNLIGHT.
4. You must wait at least 30 to 60 days for new concrete to cure.
5. Material should be at 70° F to 75° F before using.
6. NO water or rain for at least 48 hours after applying.
7. NO car traffic within the first 48 hours after applying.
8. Be sure to fill all large cracks, holes, and depressions prior to applying.

SURFACE PREPARATION

STEP 1 – Prep Surface

1. Remove all items from garage floor.
2. Use a household broom to thoroughly sweep the entire garage floor. All dirt particles and debris should be swept off the floor.

NOTE: Removed items will not be able to return to the garage until 24 hours following the application.

Previously coated surfaces: Restore-A-Garage Prep Solution will not work on previously sealed, painted, or coated surfaces. If your garage has been previously sealed, painted, or coated, the use of a diamond grinder or shot blaster is recommended to remove those coatings and rough up the surface.

Oil or Grease Stained Floors: If your concrete oil/grease on the floor, Restore-A-Garage Cleaner/Degreaser in many cases will work to bring the oil/grease to the surface. Degrease the area a few times and then follow the etching directions.

STEP -2 Etch the Surface with Restore-A-Garage Etch Prep

NOTE: Proper surface preparation is very important because it ensures that the epoxy chemically bonds to the surface. If the surface is smooth, the epoxy does not perform effectively

1. All dirt, oil, loose concrete, and foreign contaminants must be removed to assure a trouble-free bond to the substrate. No priming is necessary
2. In a bucket, mix 1 part Restore-A-Garage Etch Prep Solution to 4 parts water. Mix the solution completely.
3. Use a mop to spread the solution. Scrub from the far back corner of garage to the garage entry. Be certain to use the solution liberally on crevices or cracks.
4. Spray down the garage floor using only water from the hose. Work from the far back corner to the garage entry, having the water wash out of the garage through the garage entry. Be certain that all the Restore-A-Garage Prep Solution is

completely washed away. Blanched foam may develop as the water from the hose washes the solution away and out of the garage.

5. Let surface fully dry for 24 hours before proceeding with application of Restore-A-Garage Epoxy Coatings.

APPLICATION INSTRUCTIONS

Weather Conditions: Ensure surface temperature is between 45°F and 95°F. Avoid application of product when the daily low is below 45 or when rain is expected within 12 hours. Do not apply in direct sunlight.

NOTE: It is best to work from the far back of the work area when applying the epoxy. Do not stand or walk on the epoxy during the application process or immediately following the application unless you are wearing the proper application spiked shoes. Protect Adjacent Areas: Use plastic, cardboard, and/or drop cloths to protect all adjacent non-target surfaces.

Equipment: Flat Squeegee, Drill, Drill Mixer Paddle, Roller.

1. Make sure you have enough product for the area that is to be coated.
2. Carefully remove the lid from the pail.
3. Remove the can marked Part B from the cradle.
4. Remove the cradle from the pail and discard.
5. Carefully remove the lock ring from the can and open the can.

Important Note: If the color you choose came in a tint pack (not pre-mixed into Part A) add this to the Part A first and mix for two minutes (Using a drill and a drill mixer paddle) prior to adding the Part B. If the color is already pre-mixed in, proceed to Step 6.

6. Pour the entire contents of the Part B into the pail, Part A.
7. Using a drill motor and a mixer, blend material all together for 2 minutes, carefully moving the drill around to ensure a good mix. There must be no visible Part B remaining after the mix.
8. Once the product has been mixed for 2 minutes, empty entire contents of pail onto floor to be coated within 60 seconds after the mixing is completed. Pour entire mixture into a uniform bead onto the floor in a straight line, making certain that the width of the epoxy poured out spreads approximately 12 to 14 inches on the floor. Move quickly when pouring the line to the floor.
9. Use the squeegee to spread a 3 to 5-foot wide area. Continue to spread with squeegee and back roll with the roller to apply an even, thin application. Do not over-roll. You will have 30 minutes to apply product to surface. Product will cure in the pail after 35–40 minutes.
10. After the Epoxy has been spread into an even coating, apply the fleck by casting (with an underhand toss) it evenly and thoroughly over the coated areas. Remember to break up your areas by only coating areas small enough that you can reach by casting the fleck as you will not be able to walk onto the epoxy after it has been coated.

The optional non-slip aluminum oxide additive should be applied after applying the decorative fleck. An easy way to apply it is by placing it in a hand-held seed spreader. This will

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allow you to broadcast the non-slip aluminum oxide additive evenly throughout the entire area.

NOTE: If the product is left in the bucket it will react and cure within 10 minutes and will not be usable. By pouring the epoxy onto the cool concrete, it will slow down the hardening process and give you a total work time of 35 minutes.

CAUTION: The material will become extremely hot if left in the bucket longer than 10 minutes. Do not touch the bucket or material.

COVERAGE:

3-Gallon Epoxy Kit coverage 380-480 sq. Ft. (2 1/2 car garage) at 10 mils dft (dry film thickness)

1.5-Gallon Epoxy Kit coverage 190-240 sq. Ft. (2 1/2 car garage) at 10 mils dft (dry film thickness)

DRY/CURE TIME:

A complete cure of the Epoxy coating is 24 to 48 hours at 65° F and less than 50% humidity. Do not close garage door, walk on, or drive on until fully cured. Temperatures lower than 75° will result in longer cure times.

CLEANUP:

Clean tools immediately after each use with soap and water.

PRECAUTIONS

Keep out of reach of children. May cause an allergic skin reaction. Avoid breathing fumes, dust, mist, spray, vapors. Wear eye protection, protective clothing, and protective gloves. Dispose of contents/container to comply with applicable local,

national and international regulation. Use this product in a **WELL-VENTILATED** area. Avoid inhaling vapors, mists, or sprays. This product should be kept out of the reach of children. Avoid getting the product on clothing. Avoid contact with skin. Avoid the product from freezing during storage or curing because at low temperatures the resin will thicken and crystallize. Store dry at 65° F to 75° F.

FIRST AID

IF INHALED: Move the affected person away from the contaminated area and into the fresh air. If symptoms persist, seek medical advice. **SKIN CONTACT:** Wash off immediately with soap and plenty of water. Obtain medical attention if irritation persists. **EYE CONTACT:** Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists. **INGESTION:** If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting unless directed to do so by a physician. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Immediately call a POISON CENTER or doctor/physician

For additional information for this product, consult the Product Data Sheet or Safety Data Sheet available at www.restore-a-garage.com.

LIMITED WARRANTY

Our recommendations for use of this product are based upon tests believed to be reliable. Since field conditions vary widely, the user must determine the suitability of the product for their particular use and specific method(s) of application. RAD OPW, LLC warrants that Restore-A-Garage Epoxy Coating will remain intact and in place without peeling and blistering on the surface 18 months on interior horizontal surfaces from the date of purchase if applied according to label instructions to a properly prepared surface. Note: This warranty is only valid when all

recommended steps are followed. You must properly prep the surface. If Restore-A-Garage Epoxy Coating fails to perform as described above, RAD OPW LLC shall be limited in all events to providing an equivalent amount of new product at no charge. This warranty does not include labor or the cost of application of any product, and in no event, shall RAD OPW LLC be responsible for damages in excess of the purchase price. Claims must be made in writing and accompanied by proof of purchase. This warranty does not apply to problems caused by alteration of this product, accident, misuse, improper storage, abuse or neglect. There are no other express warranties. RAD OPW LLC shall not be liable for incidental or consequential damages resulting from any breach of this warranty and fitness for use. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

SHELF LIFE

36 months unopened. Store in a temperature-controlled room.

PACKAGING

Available in 1.5 Gallon and 3 Gallon recyclable plastic containers.

TRANSPORT AND HANDLING

Restore-A-Garage Epoxy is not considered hazardous under Department of Transportation regulations. Do not stack pallets. **Keep from freezing.**

MAINTENANCE

Occasional cleaning with mild detergent and water .