



EpoxyMaster Instruction Sheet

1. Do not apply if temperature is below 55° F or above 85° F.
2. All prior coatings must be removed or roughed up by sanding in order for EpoxyMaster to adhere adequately.
3. Apply EpoxyMaster only when temperature and humidity is at their lowest. For parts of the country that experience high humidity all year round, apply the product during a time of the day when the humidity is lowest (usually at night or early morning).
4. You must wait at least 30 to 60 days to apply any of our flooring products after new cement has been poured.
5. Condition material at 70° F to 75° F before using.
6. Keep the coating away from water or rain for at least 48 hours after applying.
7. Avoid car traffic within the first 48 hours after applying.
8. Be sure to fill all cracks, holes, and depressions prior to applying EpoxyMaster. Please visit our website for recommendations.

Storage and Safety Recommendations

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. Should contact with skin occur, immediately wash with cold water and mild soap for 15 minutes. Avoid contact with eyes. Should contact with eyes occur, immediately flush with cold water for 15 minutes and contact a medical care provider. Do not ingest the product. If swallowed, drink 2 full glasses of water, and contact a medical care provider. 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.

Directions

STEP 1 - Sweep and clean the surface to be coated.

1. Remove all items from garage floor.
2. Use a household broom to thoroughly sweep the entire garage floor. If the floor has been previously painted, all paint must be removed. All dirt particles and debris should be swept off of the floor.

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

STEP 2 - Use EpoxyMaster Prep Solution to etch the surface.

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. The EpoxyMaster Prep Solution that you have been provided with is

an organic etching compound that acts like an acid to break up the cement and create a rough surface.

Previously coated surfaces: EpoxyMaster 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/Grease Stained Floors: If your floor has some oil/grease saturations, a good all-purpose household degreaser in many cases will work to bring the oil/grease to the surface and emulsify it. Degrease the area a few times and then follow the etching directions.

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 EpoxyMaster 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 EpoxyMaster 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.

NOTE: After the EpoxyMaster Prep Solution has been applied and thoroughly washed away, the garage floor must dry for 24 hours. Persons may walk across the floor. However, do not return items to the garage or park any vehicles in the garage.

NOTE: Clean the bucket with mild soap and water before the next step of mixing the EpoxyMaster epoxy.

STEP 3 - Use EpoxyMaster to coat your floor.

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.

Pre-application Instructions

1. Assemble the roller for the EpoxyMaster application. Secure the roller handle/extension, roller frame, and roller cover. Place the roller aside.
2. Insert mechanical mixer into power drill.

3. (Optional) - Tape off areas that are not going to be coated.
4. Assemble squeegee head to second handle/extension pole.

NOTE: Prior to mixing the entire contents of the kit, it is recommended to mix a smaller amount of the two part mixture at a ratio of 2 parts A (resin) to 1 part B (hardener) for brushing and trimming edges. Since you only have limited work time to use the mixed material, have 1 person begin trimming edges (if desired) and have another person begin rolling out the floor as specified.

EpoxyMaster Application

1. Open the 5-gallon pail lid and remove part B (1-gallon can) from the cradle. **(Mix Ratio: 2 parts A to 1 part B).**
2. Pre-mix part A resin located at the bottom of the 5-gallon pail.
3. Pour entire contents of part B into the part A resin 5-gallon pail.
4. **Mix for exactly two minutes.**
5. Pick up the bucket, holding it firmly with one hand on the bottom of the bucket and another on the bucket handle.
6. In **60 seconds** 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 EpoxyMaster line to the floor.
7. Use the squeegee to spread a 3 to 5 foot 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**. Remember to only coat an area small enough to be flecked. You will not be able to walk onto the epoxy after it has been coated.

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

8. Use the roller to apply an even, thin application of EpoxyMaster by spreading the line of EpoxyMaster throughout the first area.
9. After the EpoxyMaster has been spread into an even coating, apply the fleck by casting (i.e. - an underhand toss) it evenly and thoroughly over the coated areas.

NOTE: Areas near walls should require less fleck.

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

NOTE: Do not completely close the garage door until the EpoxyMaster is cured. The door may stick or leave indentations on the floor. The product must cure for 24 hours. Persons or pets may NOT walk across the floor.

For additional questions about our products and services, please visit our website at www.epoxymaster.com or call us at **1.888.EPOXY.KIT** (1.888.376.9954).

KIT COVERAGE 480 SQ. FT. (2 1/2 CAR GARAGE) AT 10 MILS DFT OR 240 SQ. FT. AT 20 MILS DFT (Dry Film Thickness)