IMPORTANT:
READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION!

For further details and application techniques see our website at www.rocksolidfloors.com

SAFETY INFORMATION

• Keep out of reach of children • Do not consume

FIRST AID MEASURES

INGESTION: If ingested, do not induce vomiting unless directed to do so by medical personnel. Do not give anything by mouth to an unconscious person.

EYE CONTACT: In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.

SKIN CONTACT: In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Thoroughly clean shoes before reuse.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation develops.

DANGER

CONTAINS: Isocyanates, Solvents

• Individuals with lung or breathing problems or prior reaction to isocyanates must not be exposed to vapor or spray mist.
• Use only with adequate ventilation.
• Keep away from heat, sparks and flame.
• Vapor may cause flash fire.
• Do not smoke.

PRODUCT RETURNS:
FOR ANY PRODUCT RETURNS INCLUDING DAMAGED OR MISSING ITEMS DO NOT RETURN TO STORE:
Contact RockSolid Floors® directly at 866-765-4474.
If you sand or remove old coatings, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

**WARNING**

**TIP:** DO NOT APPLY OUTSIDE OF THE GARAGE DOOR. Keep children and pets indoors and away from the work area at all times during the installation. Make sure to read and follow all safety guidelines during all phases of application.
TESTING FOR MOISTURE: Apply a 3' x 3' sheet of plastic (such as a heavy duty garbage bag or plastic sheeting) to an area of the floor. Tape down the edges with duct tape and allow it to sit for 24 to 48 hours. If water droplets appear on the inside of the plastic or if concrete appears wet (darker in color), the moisture in the concrete is high. See www.rocksolidfloors.com for more information on high moisture concrete and mitigation options.

WARNING
Do not install Garage Coat in direct sunlight or when temperatures are rising. Wait until temperatures are steady and/or falling to complete the installation of the coating system.

TEMPERATURE EXTREMES: The ideal temperature range when working with RockSolid Floors® products is 40°F-90°F (4°C-32°C). Warmer temperatures will shorten working time. Cooler temperatures will require longer cure times. Preparation of the concrete using the RockSolid Floors Safe Etch Solution™ should not be attempted below 40°F. This preparation method involves using water to flush the surface and could cause the formation of unwanted frost or extended dry times at temperatures near freezing.

CONCRETE INSPECTION: Concrete is different in many areas of the country. Some concrete is especially hard, which will require extra etching to provide an anchor for your RockSolid Floors Polyurea Garage Coat®. If you have soft and chalky concrete or areas of the concrete that have spalling, chipping or cracking, use the RockSolid Floors Fast Patch™ or other commercial grade concrete repair products to repair and level out the floor prior to coating. RockSolid Floors Fast Patch™ is mixed at 1 part A to 1 part B and applied with a putty knife to the affected areas. Due to its unique characteristics, it does not have to cure fully before applying the RockSolid Floors Polyurea Garage Coat®.

CONCRETE PREPARATION: Use the RockSolid Floors® Safe Etch solution (included) or other commercially available products to open the pores of the concrete, to provide the proper adhesion required for a long lasting floor. The etching is required on all uncoated concrete floors, old or new. While the etching will prepare the concrete, cleaning is to be done prior to the etching using a professional grade degreaser. If utilizing a pressure washer to clean the floor, please make sure to wear the proper protective equipment and follow the manufacturer’s instructions.

Use tape to mask off a straight line underneath the garage door. Keep children and pets indoors and away from the work area at all times during the installation. Make sure to read and follow all safety guidelines during all phases of application.

Thoroughly sweep out all dust and dirt on the floor and apply a mist of water to the surface. The concrete should accept the water evenly and consistently across the entire surface to be coated. If there are areas of beading on the surface, it represents a possible contaminate (oil, wax or tire dressing). These areas need to be cleaned with a full concentrate of a professional grade degreaser prior to etching the floor. Scrub the area with a stiff bristled broom, rinse and inspect again. If water continues to bead on the surface, re-treat the stain and scrub again until water no longer beads in that area. Once you have determined that water is no longer beading on the surface, you are now ready to etch the concrete. Please see recommended safety practices located on container.

Mix the contents provided with ¾ gallon of water. Slowly add the mixed product to a plastic watering can (¾ gallon total). Working in a 10’ x 10’ section of the floor, pour out the etching solution evenly on the floor. Scrub the solution around with a stiff bristle broom. The etching solution should fizz for about 2-5 minutes while being scrubbed. If the concrete does not fizz it means that there is a sealer on the floor and it must be chemically or mechanically removed as previously discussed.

When the fizzing stops, rinse off the solution and move on to the next section. When all sections are completed, rinse three times and scrub with a stiff bristle broom while rinsing. To speed up the drying process, use a floor squeegee to push all excess water to Do not install Garage Coat in direct sunlight or when temperatures are rising. Wait until temperatures are steady and/or falling to complete the installation of the coating system.

WARNING

TIP: If it is raining or if extremely damp conditions exist it is not recommended to coat the floor. Concrete substrate must be completely dry at the time of application to achieve proper adhesion.
It is imperative that the floor be completely dry before applying any coatings. Failure to follow this warning will create application issues and possible product failure.

Garage Coat Contractor Coverage: 350 to 400 SF per gallon depending on porosity of the concrete.

Mix The RockSolid Floors® Garage Coat

Place tarp on the ground and thoroughly mix the material in the RockSolid Floors Polyurea Garage Coat® pouch by shaking it (both up and down and back and forth) and squeezing each side of the pouch. Any clumps or thick spots need to be massaged to break them up and blend them in with the rest of the coating. Do this so that all the pouches you will be using to cover your floor are ready prior to tearing open the top seal. Once the material is thoroughly mixed, use a pair of scissors or tear the top seal of the pouch, and make sure the resealable seal is open.

Add the Garage Coat Color Tint™ by pouring the entire contents of the container into the open pouch, using a paint stick to scrape the sides and get all the tint out. Reseal the top seal, fold the pouch over in half and shake contents for 30-60 seconds.

**TIP:** Use a squeegee, wet/dry vacuum or fan to speed up the drying process.

**TIP:** Always make sure to use tape to protect any areas that you want to keep clean.

**TIP:** Always make sure to use tape to protect any areas that you want to keep clean.

Garge Coat® Application

Use tape to keep areas such as wood trim, metal garage door rails, floor drains, door frames, etc. clean. These items may be hard to cut in around and you may get some coating on them. The most important area to protect when installing a garage floor coating will be the termination point under the garage door. Use two strips of Duct Tape (blue masking tape will not adhere to concrete) to create a straight line that will be covered when the garage door is lowered. Do not install the RockSolid Garage Coat outside the garage door.

1. RockSolid Floors Garage Coat® - Squeeze the mixed material from the pouch into a 18” paint tray, keeping a small amount to pour into a small bucket for brushing in edges.

2. Using a 3” paint brush, cut the material in around the perimeter on half the area to be coated. Fully saturate a 18” (3/8” nap) roller and apply material in 4’ x 4’ sections in a thin and even coat across the floor using an “M & W” pattern. This pattern will provide the most uniform results and ensure that the material will spread over the desired area.

**Partial Chip Instalation**

*If Utilizing (FULL CHIP SYSTEM) Skip to Step 6*

3. Once a strip across the entire back wall has been coated, you may broadcast the RockSolid Floors® Decorative Chip if desired. Do so by grabbing small pinches of chip between your index finger and thumb and throwing it up in the air over the wet RockSolid Floors Garage Coat®. The density or coverage of the chip thrown should be kept...
consistent throughout the floor for the most uniform finish. It will be important when broadcasting the chip to leave yourself a “wet edge.” This is a 6”-12” section of the coated floor that will not receive chip until the next section of coating is applied and rolled into the “wet edge,” allowing for a seamless application. Once the next section has been rolled you may broadcast chip again and continue this system throughout the floor, cutting in edges as you go. Mix the remaining pouch only after the first pouch is completely applied to the floor. Do this quickly to avoid having material dry on the roller.

CURE TIME: Depending on temperature and humidity the average cure time is 4-6 hours. The coating will need to be dry to allow foot traffic for the RockSolid Floors Garage Coat® application. Do not walk on the coating while it is still tacky as you could put permanent footprints in the floor. The best way to test for cure is to touch the coating in the last area that was coated and see if it has tacked over. It should not feel sticky to the touch and no color should come up on your fingers. Air movement can help the coating to cure faster, but be careful when using fans to circulate air as this could cause unwanted contaminants to get stuck in the wet coating.

CLEAN-UP: Disposal of rollers and brushes. Allow unused product to harden and dispose of according to local regulations.

Diamond Coat Contractor covers 600 sq. ft. over solid color or partial flake and 250-300 sq. ft. over a full chip broadcast per gallon depending on porosity of the concrete

Clear Top Coat
Using RockSolid Polyurea Diamond Coat®

Partial Chip Continued

4. Mix RockSolid Floors Diamond Coat® Pouch: Mix as described in steps 1-3 under the mixing of the RockSolid Floors Garage Coat® Coat mixing instructions. Make sure that you are wearing clean shoes when applying the clear topcoat. Only mix one pouch at a time.

5. RockSolid Floors Diamond Coat® Application: Squeeze the mixed material from the pouch into a 18” paint tray, keeping a small amount to pour into a small bucket for brushing in edges. Using a 3” paint brush cut the material in around the perimeter on half the area to be coated. Fully saturate a 18” roller and apply material in 4’ x 4’ sections in a thin and even coat across the floor using an “M & W” pattern. This pattern will provide the most uniform results and ensure that the material will spread over the desired area. Continue this technique until the entire floor has been coated, cutting in the edges as you go.

TIP: Make sure that you are wearing clean shoes or spikes when applying the clear topcoat. Sometimes it is best to wear shoe covers so that there is no chance of contaminating the floor. Always be careful not to walk in any wet coating during the application.

TIP: For a more aggressive non-slip coating utilize clear silica sand during the top coat application. Do so by grabbing small pinches of fine silica sand “available at local retailer” between your index finger and thumb and throwing it up in the air over the wet RockSolid Floors Diamond Coat® in the same manner as the partial chip broadcast application. Please make sure to wear the proper protective equipment and follow the manufacturer’s instructions.

This completes the Partial Chip Kit installation. See next page for cure times and clean up.
CURE TIME: Depending on temperature and humidity the average cure time is 6-8 hours for foot traffic and a minimum of 24 hours for vehicle traffic. Do not walk on the coating while it is still tacky. The best way to test for cure is to touch the coating in the last area that was coated and see if it has tacked over. It should not feel sticky to the touch and no color should come up on your fingers. Air movement can help the coating to cure faster, but be careful when using fans to circulate air as this could cause unwanted contaminants to get stuck in the wet coating.

CLEAN-UP: Disposal of rollers and brushes. Allow unused product to harden and dispose of according to local regulations.

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**RockSolid Floors® Full Chip Installation Continued From Step 2**

6. BROADCAST CHIP: Once a strip across the entire back wall has been coated, you may broadcast the Decorative Chip. This is best done by holding a five-gallon bucket of chip in one arm and simply throwing handfuls of chip into the air with the other. The higher you throw the chip the more it will spread and lay out. Continue to apply the product following this method. It will be important when broadcasting the chip to leave yourself a “wet edge.” This is a 6”-12” section of the coated floor that will not receive chip until the next section of coating is applied and rolled into the “wet edge,” allowing for a seamless application. Apply material and broadcast chip to the entire area being coated at a uniform rate, making sure to maintain even material thickness.

7. REMOVE EXCESS CHIPS: Once you have determined that the coating is cured you can begin the process of removing the excess chips from the surface. Average cure time is 4-6 hours. Use a leaf blower to blow the loose chip that did not bond to the floor into a corner for recovery. The leaf blower works best because it will not break the chip up and create powdery fines.

Once all of the loose chips have been blown into a pile, simply scoop them up using a putty knife or a dustpan to return it to the chip box. This chip is still good, and it can be used on future floor coatings or for repairs if needed. After all of the good chips have been recovered use a 10” metal scraper (sheetrock putty knife) “use tape and attach to a broom stick” to lightly scrape the floor in one direction. This knocks down uneven chip and levels the floor. After the floor has been scraped in one direction, turn perpendicular and scrape the entire floor again in the other direction. Use a smaller metal putty knife to detail the edges and floor drains as well as any vertical surfaces that have been coated. Smaller scrapers will follow the contour of the floor or wall closer and prevent any scarring of the chip. The purpose of doing this is to create a nice flat surface to apply your clear coat to.

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**TIP:** It will always be best to apply material over the shortest distance possible. Using unfilled saw-cut control joints can simplify your application by allowing you to break up your installation into smaller sections. If doing so, be sure to cut in edges carefully and do not overlap into a previously coated area. For wider areas, we suggest that you have two installers rolling the material out to expedite the process. Basically they will flip-flop around each other taking turns cutting in edges with a brush, rolling, and broadcasting chip (optional). Always make sure to use blue masking tape to protect any areas that you want to keep clean. This could include wood trim, metal garage door rails, floor drains, door frames, etc. These items may be hard to cut in around and may get some coating on them.
At this point you can either use the leaf blower to push the chips into a pile or vacuum the entire floor to remove the scrapings. No matter which method is used, the goal is to remove any and all loose chips that may be on the floor. Sometimes it is best to start at the back of the garage and use the leaf blower to push any debris out the garage door onto the driveway which can then be vacuumed up prior to applying the RockSolid Floors Diamond Coat®.

8. **RockSolid Floors Diamond Coat® Application**: Squeeze the mixed material from the pouch into a 18” paint tray, keeping a small amount to pour into a small bucket for brushing in edges.

9. Using a 3” paint brush, cut the material in around the perimeter on half the area to be coated. Fully saturate a 18” roller and apply material in 4’ x 4’ sections in a thin and even coat across the floor using an “M & W” pattern. This pattern will provide the most uniform results and ensure that the material will spread over the desired area. Continue this technique until the entire floor has been coated, cutting in the edges as you go.

   **This completes the Full Chip installation. See below for cure times and clean up.**

   **CURE TIME**: Depending on temperature and humidity the average cure time is 4-6 hours. The coating will need to be dry to allow foot traffic for the RockSolid Floors Diamond Coat® application. Do not walk on the coating while it is still tacky as you could put permanent footprints in the floor. The best way to test for cure is to touch the coating in the last area that was coated and see if it has tacked over. It should not feel sticky to the touch and no color should come up on your fingers. Air movement can help the coating to cure faster, but be careful when using fans to circulate air as this could cause unwanted contaminants to get stuck in the wet coating.

   **CLEAN-UP**: Disposal of rollers and brushes. Allow unused product to harden and dispose of according to local regulations.

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**TIP**: Failure to scrape chips will lead to increased product usage and sharp, heavily textured floors.

**TIP**: Make sure that you are wearing clean shoes when applying the clear topcoat. Sometimes it is best to wear shoe covers so that there is no chance of contaminating the floor. Always be careful not to walk in any wet coating during the application.

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**RockSolid Floors® Technical Support**

Questions and comments please call us toll free at **866-765-4474** or visit us online at **www.rocksolidfloors.com**.

You have now completed the installation of your ROCKSOLID FLOOR. It will provide you with a strong and durable finish that will last for years. And remember, **IT’S THAT TOUGH!!**