Welcome to the EpoxyMaster Frequently Asked Questions pages. Here you will find answers to the most frequently asked questions to assist you with the preparation and application of our flooring products. You may select from the following categories below. If there are questions that are not discussed in the categories, you may contact us directly and we will be happy to assist you.

Q: Why do I need an epoxy sealer on my garage floor?
A: Unprotected concrete floors will wear, be stained by oils, fluids, and be damaged by the corrosive effects of snow and ice-melting chemicals such as rock salt. EpoxyMaster's high performance epoxy floor coating system protects concrete from wear because it is actually harder and more durable than the concrete itself. EpoxyMaster's hard, durable epoxy is so dense that oils and fluids cannot penetrate its surface to soak in and cause staining. EpoxyMaster is impervious to the corrosive effects of rock salt. EpoxyMaster beautifies your floor.

Q: What is EpoxyMaster and why is it better than other floor sealing products?
A: EpoxyMaster is a two-component product that when mixed together forms a high performance 100% solids epoxy floor sealer. EpoxyMaster is superior to paints and other coatings because epoxies form a harder, denser, more durable film than either paint or urethane-based coatings. EpoxyMaster is superior to other epoxy-type coatings because it is 100% solids.
Q: What does 100% solids mean, anyway?

A: 100% solids epoxy refers to the volume and the total percentage of solids in your coating. EpoxyMaster is not diluted with a water or a solvent base, it is 100% solids. This gives you a very durable coating, because unlike a water base product, here there is no product shrinkage. You are getting the best in terms of adhesion and durability with the EpoxyMaster system.

Q: Why should I apply EpoxyMaster?

A: EpoxyMaster is a two-component product that when mixed together forms a 100% solids epoxy floor sealer, which is more durable, glossy, and longer lasting than a water-based or solvent-based epoxy. Our easy system offers our customers the most user friendly epoxy system on the market today. EpoxyMaster is chemically resistant, easy to maintain, and an extremely durable coating for any application.

Q: How does EpoxyMaster work?

A: EpoxyMaster's two components, when mixed together, start a chemical reaction (polymerization) changing the liquid mixture into the hard, durable, dense, chemically-resistant epoxy film that remains. EpoxyMaster's controlled cure time (24 hours) allows a slow penetration of the concrete surface, tightly bonding the EpoxyMaster epoxy coating to the concrete.

Q: Does EpoxyMaster give off any harmful vapors or odors and is it safe for indoor use?

A: Our EpoxyMaster Epoxy Floor Coating Kit has virtually no V.O.C.s (Volatile Organic Compounds) or other harmful odors. It is very safe to use in any indoor application such as basements, wine cellars, laundry rooms, etc.
Q: How long should I wait to apply the EpoxyMaster Epoxy Floor Coating Kit onto newly poured concrete?

A: We recommend you wait at least 28 days prior to applying our product onto new concrete.

Q: How can I test for moisture in my concrete substrate?

A: To check if you have moisture issues with your concrete, we recommend using a pH test kit to test for excessive moisture. Please visit the Commercial Products section of our online store for specialized products that will help with reducing moisture issues.

Q: What if my concrete is saturated with oil?

A: Our EpoxyMaster OIL STOP is a must use primer for all oil or grease saturated concrete floors prior to applying our epoxies or top coats. EpoxyMaster OIL STOP is a two-component epoxy amine undercoating used in areas where oil and/or grease has become embedded in the concrete substrate to the extent that surface cleaning is insufficient to remove it. If untreated, this oil/grease may migrate back to the surface and cause de-lamination of the coatings, sealers or patching materials.

Q: Why does the floor have to be prepared for the EpoxyMaster epoxy?

A: Floor preparation is crucial to the proper application of EpoxyMaster. The EpoxyMaster epoxy floor coating system will not be able to penetrate and bond to concrete in areas where oil or fluid contamination has occurred. A spawled or worn floor may have loose mortar and/or an insufficient profile to assure proper epoxy bonding. The use of EpoxyMaster’s Floor Prep and Cleaning Solution will remove many of the contaminants and also provide a profile to the concrete floor.

Q: Do I really need to go through all this prep work?

A: Yes. Areas that are not properly prepared will have bonding issues which may cause the epoxy to lift or peel. It is vital that your substrate have a rough, clean surface for the EpoxyMaster to adhere to. The prep work is the most important part of the entire application.

Q: What is the EpoxyMaster Floor Prep and Cleaning Solution?

A: The EpoxyMaster Floor Prep and Cleaning Solution is an organic salt compound that is non corrosive and helps in the adhesion process of EpoxyMaster. Use before every application in addition to a roughing up of the floor.
Q: Why should I go the extra step of using a floor machine to prepare my floor instead of simply using the kit's included Floor Prep and Cleaning Solution?

A: Although our Floor Prep and Cleaning Solution will do a great job of cleaning, etching, and degreasing concrete floor substrates, profiling your floor with a carbide diamond grinder or shot blaster will create a machine etch by removing a fine layer of laitance from the concrete substrate and create better adhesion of the epoxy to the substrate by removing any contaminants that may be trapped on the floors surface. You will also not have to wash the floor and wait for it to fully dry. Simply vacuum the floor after it is machine profiled and it will be ready to coat.

The DIAMABRUSH™ Coating Removal Tool is the fastest, most effective tool for removal of mastic, adhesives, thin-set and thin mil epoxies from concrete floors. The patented design of the DIAMABRUSH™ Coating Removal tool prevents the abrasive from loading up or clogging like other abrasive products resulting in fast, consistent removal throughout the life of the tool.

Key Features Include:
- Over 10 times faster than manually scraping
- Simply apply water to eliminate dust and to flush debris away.
- Designed to fit a wide variety rotary flooring machines.
- Has limited surface contact during use to retain sharp cutting points over the life of the tool.
- Rigid, exposed diamond cutting surface creates a level floor with normal use.
- No need for heavy, expensive, hard-to-use grinding equipment that often requires 400 3-phase power.
- The tool's design allows the machine to bridge joints and cut lines in the concrete.
- Uses existing standard cleaning equipment such as automatic scrubbers or flooring machines.
- Uses replaceable diamond coated blades to grind tough coatings away.
**CONCRETE PREP TOOL**  
(To be used on battery powered automatic scrubbers)

**CONCRETE PREP TOOL PLUS**  
(To be used on floor buffers and large propane automatic scrubbers)

**REPLACEABLE BLADES**

**25 & 100 GRIT BLADES AVAILABLE**

**100 GRIT DIAMOND BLADE**  
(LIGHT PREP)

**25 GRIT DIAMOND BLADE**  
(HEAVY PREP)

**25 & 100 GRIT BLADES AVAILABLE**

**100 GRIT DIAMOND BLADE**  
(LIGHT PREP)

**25 GRIT DIAMOND BLADE**  
(HEAVY PREP)

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**The DIAMABRUSH™ Concrete Prep Tools have simplified surface preparation for the end-user. The DIAMABRUSH™ Concrete Prep Tools mechanically etch and prepare bare concrete floors to receive a coating creating superior coating adhesion. Both professionals and do-it-yourselfers can prepare and profile old, worn, dirty floors using standard 110 volt or battery powered cleaning equipment, such as automatic scrubbers or single disc floor machines.**

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**Key Features Include:**

- There is no need for large, heavy, expensive concrete grinding machines that require 400 Siphonic power.
- The DIAMABRUSH Concrete Prep Tools can be run wet for a dust-free operation.
- The DIAMABRUSH system is a mechanical-chemical free surface preparation method.
- Achieve a profile for coating systems up to 30 mils thick.
- The patented wear-resistant substrate design ensures new diamond particles constantly being exposed resulting in a consistent profile throughout the life of the tool.
- Tools are very effective at preparing the low spots in the concrete.
- Designed to fit a wide variety of rotary flooring machines.
- Money-saving replacement blades.
Q: What can I do about the cracks and holes on my concrete prior to applying the EpoxyMaster Epoxy Floor Coating Kit?

A: Our product is self leveling and may fill some imperfections, but we always recommend you fill as much as you can prior to applying our product. You will achieve greater results and have a flawless floor. We have a system to repair the damage. Our method will help you in filling and repairing all types of cracks, holes and depressions. We manufacture our very own Crack Patch Kit which uses our 100% solids epoxy resin base, a catalyst hardener, and a special aggregate to make it the most durable patching system available for concrete, steel or wood. Extra long wearing and resilient, our Crack Patch Kit withstands heavy trucking, absorbs vibration and shock without cracking, and actually becomes stronger with use. For repairing various hairline cracks we recommend using our MASTER FILL.

Q: What if I have expansion joints?

A: If you are looking for a seamless looking floor you will want to fill the expansion joints with our FLEXIBLE JOINT SEALER. This will allow for a seamless appearance without taking away from the reason your joints are there in the first place. For faster drying time requirements we recommend using our FLEXIBLE JOINT FAST SET which is a two-component, fast curing 100% solids polymer dual cartridge system designed to provide a resilient filler for expansion joints in general industry.

Q: Can I put EpoxyMaster epoxy over pre-existing paints or other coatings?

A: EpoxyMaster is not recommended for application over existing coatings because the existing coating will inhibit bonding of the EpoxyMaster epoxy coating to the concrete floor. Floors that have existing coatings should be stripped, etched, diamond grinded or shot blasted to remove as much of the coating as possible. In cases where the coating cannot be removed, a sanding of the floor using an orbital sander can provide a "profile" for the EpoxyMaster epoxy to adhere to.
Q: What coverage area can I expect from a standard epoxy kit?

A: Our standard epoxy floor coating kit will cover 380-480 square feet of smooth concrete substrate when the epoxy is properly spread and rolled. If the concrete substrate is very porous or has many unfilled expansion joints, then the coverage area will be less. We do offer excellent expansion joint filler products and also various size kits of extra epoxy material to supplement the standard epoxy kits.

Q: What if my area is slightly larger than the 480 square feet a single kit of EpoxyMaster covers?

A: We are pleased to offer our customers several sizes based on their specific needs for our EpoxyMaster Epoxy Floor Coating Kit. Our 3-Gallon Epoxy - Tools Included and 3-Gallon Epoxy - No Tools will cover 380-480 square feet, our 1.5-Gallon Epoxy - Tools Included and 1.5-Gallon Epoxy - No Tools will cover 190-240 square feet and our Touch Up Epoxy Units will cover 8-10 square feet with an optional Touch Up Epoxy Quart Unit which is good for 32-40 square feet. If you require material for larger area coverage we also offer our 7.5-Gallon Epoxy - No Tools which can cover 960-1,200 square feet.
Q: What are the available sizes & coverage of Basecoat epoxy & Metallic Pearl Effect epoxy?

A: We are pleased to offer our customers several sizes based on their specific needs for our Basecoat and Metallic Pearl Effect epoxy floor coating kits. Our 2-Gallon Basecoat Epoxy for Metallic Pearl Effect will cover up to 300 square feet, our 4-Gallon Basecoat Epoxy for Metallic Pearl Effect will cover up to 600 square feet, our 3-Gallon Metallic Pearl Effect Epoxy - Tools Included and 3-Gallon Metallic Pearl Effect Epoxy - No Tools will cover 240 square feet, our 1.5-Gallon Metallic Pearl Effect Epoxy - Tools Included and 1.5-Gallon Metallic Pearl Effect Epoxy - No Tools will cover 120 square feet, our Touch Up Metallic Pearl Effect Epoxy Units will cover 6 square feet with an optional Touch Up Metallic Pearl Effect Epoxy Quart Unit which is good for up to 24 square feet. If you require material for larger area coverage we also offer our 7.5-Gallon Metallic Pearl Effect Epoxy - No Tools which can cover 600 square feet.

Q. What are the available sizes & coverage of the EPOXYARMOR High Performance Clear Top Coat & High Wear Urethane?

A: Our EPOXYARMOR High Performance Clear Top Coat 1-Gallon Unit will cover 210-400 square feet at 5-7 mils thickness and our High Performance High Wear Urethane 1-Gallon Unit will cover 500 square feet at 3-5 mils thickness.

Q: How do I apply EpoxyMaster?

A: We are very happy to offer our customers a complete do-it-yourself system. We give you everything you need in one kit to do 380-480 square feet of smooth concrete surface. All the necessary tools are included in our kit. There is no measuring of the ratio for your Part A and Part B. Simply pour all of Part B into the Part A, mix thoroughly for exactly 2 minutes and pour the entire contents onto the floor right away.
Q: Is there an easier way to coat the trim work in my application area and can the application area be coated in sections at different times?

A: An easy way to coat the trim work is to mix a smaller batch of the epoxy material at a 2 to 1 ratio (2 Parts A epoxy resin to 1 Part B hardener) and then mixing the remaining amount of product to coat the entire surface area. The coating may be applied in sections at different times by simply coating up to an existing expansion joint or by taping off the area and immediately removing the tape after applying the coating. There will be no variation in color if the product is applied at different times.

Q: Can EpoxyMaster be applied to side concrete block trim walls and concrete steps?

A: Absolutely. If you have side concrete block trim walls around your floor and/or concrete steps, the best way to coat them would be to mix a smaller amount of the epoxy at a 2 to 1 ratio (2 Parts A epoxy resin to 1 Part B hardener) and apply it as a primer coating over the concrete blocks and/or steps with either a trim brush or a roller cover. You can also apply a second coating of epoxy, if necessary, due to the porosity of the concrete. If the concrete block walls or concrete steps have dirt or stains, you may want to lightly sand them with a good hand-held palm sander with 100 grit pads prior to coating the areas.

Q: Should I coat past the garage door during my epoxy application?

A: We usually do not recommend applying the epoxy past the garage door due to the fact that over time the ultraviolet rays of the sun will eventually cause the color of the epoxy to fade. What you can do is close your garage door, take a black sharpie marker and draw a line where the garage door sits. You will then open the garage door and put a strip of blue tape past the drawn line. You will then apply the epoxy up to that line and remove the tape immediately once finished. You will then be able to close the garage door without having to worry about debris or insects getting onto your newly applied EpoxyMaster floor. If you do decide to coat the outer lip of the garage, we recommend using our non-yellowing EPOXYARMOR High Performance Clear Top Coat to protect the epoxy from the direct ultraviolet rays of the sun.

Q: What is the work time with EpoxyMaster?

A: Once Part A and B are mixed together in the bucket for exactly 2 minutes, we highly recommend pouring the entire contents on the concrete in 60 seconds. You will have around 35 minutes to work with the EpoxyMaster once Part A and B are mixed together and poured onto the concrete. Please view our detailed Instructional DVD to view the process.
Q: Does temperature affect the application of EpoxyMaster?

A: Yes, extreme heat or cold can affect EpoxyMaster during application. EpoxyMaster’s polymeric chemical reaction will be accelerated by temperatures above 85°F (29°C), causing the curing process to speed up and making the EpoxyMaster epoxy coating tacky and difficult to apply. Temperatures below 55°F (13°C) will cause the reaction to slow down, thereby increasing the cure time. If you are concerned about your temperatures before your application please contact us before you apply EpoxyMaster.

Q: Does humidity affect the application of EpoxyMaster?

A: Yes, humidity can affect the application of EpoxyMaster. High humidity can condense on the cooler concrete floor leaving a microscopic moisture barrier between the EpoxyMaster and the floor. Since the EpoxyMaster epoxy coating is not water soluble it may not penetrate this moisture barrier and therefore the bond between the EpoxyMaster and the floor may not be as good as possible. EpoxyMaster epoxy coating should be applied when the relative humidity is below 75%.

Q: What is the actual cure time for the EpoxyMaster epoxy and when can I begin to walk back on my floor and place objects back on it?

A: Once applied, the cure time for the EpoxyMaster epoxy is normally 8 to 16 hours, depending on humidity and the air temperature once applied. The cooler the air and floor temperature, the longer the epoxy will take to dry. Epoxy is pressure sensitive during the first 48 hours of application. Once the epoxy is fully dry, you may walk on it in 24 hours, place objects back on it in 2 to 3 days and drive on it in 7 to 10 days. Industrial resin-based epoxy normally takes two weeks to fully cure.

Q: Can my epoxy product be salvaged if it has been exposed to colder freezing temperatures?

A: If the epoxy has been exposed to colder freezing temperatures for an extended period, you can simply place the epoxy in a warm environment for 3 to 5 days to allow the epoxy to reach a 72°F (22°C) standard room temperature prior to using the product. Do not introduce a heat source to the Part A resin and Part B hardener. Be sure to also pre-mix the Part A resin prior to adding the Part B hardener to it.

Q: Can I apply an additional coat to my first coat of EpoxyMaster?

A: EpoxyMaster is an outstanding high build epoxy coating. A second coat can be easily applied after 24 hours of the first coat. You must simply lightly scuff sand the first coat with 100 grit sandpaper and vacuum the surface thoroughly. This will create a profile for the second coat to adhere to. Adding an additional coat will create an even stronger surface and increase the longevity of the surface.

Q: What other types of surfaces can EpoxyMaster be applied to?

A: EpoxyMaster can be applied to concrete, metal, wood, ceramic tile and stone as long as the surface has been properly prepared prior to coating.
Q: What is the best way to apply EpoxyMaster to wood surfaces?

A: We recommend removing all sealers, waxes and other contaminants by sanding the entire wood surface with 100-120 grit sanding discs or pads. You should also fill any seams, holes and imperfections with a good flexible acrylic caulk product prior to sanding. Due to the porosity of certain types of wood, we recommend applying two coats of epoxy. This will give the surface better coverage with an overall uniform finish. Using hard plastic baseball cleats instead of spiked shoes will prevent puncturing the wood during application.

Q: What is the best way to apply EpoxyMaster to existing tile?

A: When coating over existing tile, we recommend machine profiling the tile with an orbital diamond grinder to scarify the tile or an upright floor sander that uses 40-60 grit sanding pads in order to create a good surface profile for the epoxy to adhere to. You can also apply two coats in order to hide any remaining tile grout lines. EpoxyMaster is a high build product and may be applied over itself many times.

Q: Can I use EpoxyMaster as an epoxy primer?

A: Absolutely. Using EpoxyMaster as a primer will create an excellent vapor barrier between the concrete and the second coat, eliminating any fish eyes caused by outgassing air bubbles. We recommend adding 15-20 ounces of acetone to the Part A epoxy resin of the kit and pre-mixing it prior to adding the Part B hardener. The ratio is 8 to 10 ounces of acetone for every 1-Gallon of Part A epoxy resin. You will then mix both Parts A and B for 2 to 3 minutes and pour the mixed epoxy onto the surface. Using only the application squeegee, spread the epoxy throughout the surface without rolling it. This method will fill in 95% of holes, cracks and other imperfections. After the epoxy dries in about 12 to 16 hours you may sand any high spot areas or imperfections and apply a second coat of epoxy. This will allow you to achieve a beautiful smooth finish.

Q: When is the best time to remove any blue tape that was applied prior to applying EpoxyMaster?

A: We recommend removing the tape immediately after applying the epoxy. It will make your life much easier if you remove it after you finish your application. If you wait until the epoxy dries, then you will have to take a razor blade and cut the tape away from the cured epoxy.

Q: What is the best way to prevent any uncured areas on my epoxy floor?

A: Uncured areas are the result of the improper mixing of the Part A resin and the Part B hardener. Be sure when you pour your Part B hardener into the Part A resin not to splash on the sides of the bucket. If any of the hardener is left unmixed, then it will not cure and cause tacky and soft areas on your floor. We also recommend not placing the bucket upside down to use up any remaining epoxy on the bottom of the pail. Leaving
the bucket upside down in order to use up the remaining material could result in a risk of unmixed hardener that may be on the sides of the pail dripping onto the flooring area. If you do have an area of uncured material, simply scrape off the uncured material and scuff sand the area with 60-80 grit sandpaper and then recoat the area.

**Q: Do I have to recoat with EpoxyMaster every year?**

A: No, EpoxyMaster's hard, durable surface will last for many years under normal circumstances.

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**Q: What is the purpose of the EpoxyMaster decorative fleck?**

A: The decorative fleck serves to enhance the appearance of the surface. The color combination was carefully chosen to complement the epoxy color for a polished and eye-catching look.

**Q: How do I know how much decorative fleck is needed to achieve a certain look?**

A: We have put together a chart below showing the amount of decorative fleck needed to achieve the various desired look and coverage. You may use this as a reference when selecting the amount of decorative fleck for your project.
DECORATIVE FLECK BROADCAST OPTIONS

Light Broadcast

Medium Broadcast

Heavy Broadcast

Full Broadcast

POUNDS REQUIRED FOR DESIRED EFFECT ARE THE FOLLOWING:

Light Broadcast: Approximately 2 lbs per 1,000 square feet.
Medium Broadcast: Approximately 4-5 lbs per 1,000 square feet.
Heavy Broadcast: Approximately 6-8 lbs per 1,000 square feet.
Full Broadcast: Approximately 200 lbs per 1,000 square feet.
Q: How should I apply the EpoxyMaster decorative fleck?

A: There are a couple different ways. First it is highly recommended to wear spiked shoes during the application of the epoxy and the decorative fleck. The spiked shoes allow you to walk on the wet epoxy during the fleck application. You can broadcast by hand or use a hand held seed spreader for a more even broadcast. Please view our detailed Instructional DVD to see the process.

Q: When do I apply the optional non-slip aluminum oxide additive during the application?

A: 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. Please remember that applying the non-slip aluminum oxide additive is optional and is usually applied only to floors that see a lot of water due to rain and snow. It may be applied only to specific areas or to the entire floor. It will make the floor surface rough and will be rougher on mops and squeegees during cleanup. A little bit goes a long way so apply it sparingly.

Q: Is there a better way to apply the non-slip aluminum oxide additive during the epoxy application?

A: A great way to apply the non-slip aluminum oxide additive is to apply it immediately after back rolling the epoxy. After rolling the epoxy, you throw the aluminum oxide over the newly rolled area and then re-roll over the area. This will encapsulate the aluminum oxide into the epoxy, making it easier to clean the floor later and still providing excellent grip.

Q: Can I apply the non-slip aluminum oxide to the Metallic Pearl Effect epoxy?

A: We do not recommend applying the non-slip aluminum oxide additive to the Metallic Pearl Effect epoxy because when the epoxy is applied very thick during the application process, the aluminum oxide will sink in and move around with the pearl epoxy, becoming ineffective and causing an undesirable look. If you want to apply the aluminum oxide on a Metallic Pearl Effect epoxy floor, we recommend applying an additional coat of the Metallic Pearl Effect epoxy in “Clear” only, without the metallic pigment powder and applying the non-slip over the second coat. There is an option in the Metallic Pearl Effect epoxy product selection for just “Clear” only. Remember that after rolling the clear epoxy, you throw the aluminum oxide over the newly rolled area and then re-roll over the area. This will encapsulate the aluminum oxide into the epoxy, making it easier to clean the floor later and still providing an excellent non-slip grip. This will provide the non-slip surface you desire while still maintaining the amazing look of Metallic Pearl Effect epoxy.
Q: What will sunlight do to EpoxyMaster?

A: Ultraviolet radiation (a component of sunlight) will cause most paints and coatings to blush or fade. EpoxyMaster however contains an ultraviolet inhibitor that reduces the damaging effects of sunlight to the finish.

Q: What will direct sunlight do to EpoxyMaster?

A: Ultraviolet radiation will cause most paints and coatings to blush or fade. While EpoxyMaster does include an ultraviolet inhibitor that reduces the damaging effects caused by the sun's rays, our EPOXYARMOR High Performance Clear Top Coat is recommended for areas that will be exposed to a lot of direct sunlight. This will slow down the fading process even more so, than not applying a clear top coat.

Q: Do I need to apply a clear top coat over the EpoxyMaster Epoxy Floor Coating?

A: Clear top coats are usually applied to water-based products to prevent decorative fleck from chipping off. Water-based epoxy floor coatings are only 1.5 to 2 mils thick, which is as thin as a sheet of paper. The reasons these companies offer a clear top coat are to lock down and prevent the fleck and water-based epoxy from failing. Due to the strength and the thickness of our product, which is a minimum of 10 mils thick, once the fleck is applied it stays down without any flaking or chipping. EpoxyMaster is an industrial grade high gloss resin-based epoxy floor coating that does not require a clear top coat over it, but it is highly recommended due to its many benefits. We manufacture and sell EPOXYARMOR High Performance Clear Top Coat which is recommended for areas that will be exposed to a lot of direct sunlight, such as areas that have a lot of windows that will see sun on a regular basis, and industrial applications where there is heavy Hi-Lo traffic in manufacturing facilities. Our EPOXYARMOR High Performance Clear Top Coat provides excellent coverage, clarity and resistance. It will also add additional glossiness to the overall application and keep the color of the EpoxyMaster Epoxy Floor Coating brand new. Our EPOXYARMOR High Performance Clear Top Coat is a two-component high gloss, low V.O.C. floor sealer that exhibits excellent characteristics for abrasion resistance, chemical resistance, corrosion resistance, weather resistance, flexibility and excellent UV stability that can be used as a finish or a top coat. It can be used for auto service centers, warehouses, computer rooms,
laboratories, aircraft hangers, cafeterias, exterior tanks, indoor or outdoor service and chemical exposure areas.

Q: What is the best way to apply the top coat after applying the epoxy?

A: To achieve the best results possible, we recommend sanding the epoxy coating with 100-120 grit sanding pads after it is fully dry. This will de-gloss the epoxy, create a good epoxy surface profile and provide excellent adhesion for the top coat. You can avoid sanding by applying it 15-18 hours after applying the epoxy, but you risk the chance of the top coat separating from the epoxy, causing an undesirable finish. Sanding the epoxy lightly will also remove any imperfections from the previous application. After mixing the top coat, you may use a V-shaped dipping tray to pour the top coat into, then dip your roller cover into the tray and apply the top coat in overlapping sections. The top coat will self-level and provide a beautiful smooth finish with added protection to the epoxy.

Q: What is the difference between EPOXYARMOR and the High Wear Urethane?

A: Our High Performance High Wear Urethane is a three component 100% solids, satin-finish, zero V.O.C. compliant, polyurethane floor sealer that exhibits excellent characteristics for abrasion resistance, chemical resistance, flexibility, weathering and UV stability. It can be used as a finish or a top coat. The difference is that it adds a satin/matte-type finish to the overall application of all our epoxy floor coatings and Countertop Epoxy and also keeps the color of the epoxy looking brand new. Our High Performance High Wear Urethane 1-Gallon Unit will cover 500 square feet at 3-5 mils.

Q: Will EpoxyMaster scratch?

A: Yes, EpoxyMaster can be scratched if heavy objects are dragged across its surface, however, under normal conditions EpoxyMaster should not scratch.
Q: What will hot tires do to EpoxyMaster?
A: Tires heated from normal driving will not affect the EpoxyMaster high gloss finish.

Q: What is the shelf life of the EpoxyMaster Epoxy Floor Coating Kit?
A: The shelf life of the product is well over a year as long as it is kept sealed and stored away from freezing temperatures.

Q: What is the best way to properly maintain my epoxy floor?
A: We have put together a proper maintenance guide in order for our customers to keep their floors looking great. It can be found in this manual on pages 37-38.

Q: What if my epoxy flooring gets chipped or damaged?
A: If your epoxy flooring gets chipped or damaged, simply remove any loose pieces and sand the area with 100 grit sandpaper. Once the area has been thoroughly sanded and cleaned, tape off the area and re-apply the epoxy. After recoating the area, immediately remove the tape and allow 16-24 hours to fully dry. Touch Up Epoxy Units are available in both solid and Metallic Pearl Effect colors on the epoxymaster.com website.

Q: What is the difference between the solid colored epoxy and the Metallic Pearl Effect epoxy?
A: Our Metallic Pearl Effect Epoxy Coatings consist of our super crystal clear high performance 100% solids, two-component epoxy. It is a specially formulated epoxy with our added proprietary blend pearlescent metallic pigment. It is available in 20 stunning metallic colors, but you can mix colors together to create a custom look all your own. This coating does not require a primer coat; however, we highly recommend applying our basecoat primer to enhance the metallic effect even further. The finished look is a smooth, glass like finish that has unique and subtle shape shifting effects that sparkle
throughout. If you prefer a matte finish, you can also create that look by using our EPOXYARMOR High Performance Satin Top Coat. No two floors will ever look alike. There are endless creative techniques that can be used to create a style that you can call your very own.

**Q: What are the benefits to applying a basecoat primer prior to applying Metallic Pearl Effect epoxy?**

A: Applying a basecoat primer serves multiple purposes. For starters, it hides any repair work done to the surface, such as the patching of imperfections as well as hiding any variances in the color of the concrete surface. The basecoat enhances the Metallic Pearl Effect epoxy even further, giving it a more multi-dimensional look. Applying a basecoat also provides a strong vapor barrier between the concrete surface and the Metallic Pearl Effect epoxy, lessening the appearance of fish eyes due to outgassing air bubbles that are created by trapped air in the concrete substrate's open pores. It is a must for wood flooring because wood is more porous and requires two coats. In the event that you have imperfections in your basecoat after it dries, such as outgassing air bubbles or debris, we recommend sanding the areas down with 100 grit sanding pads prior to applying the Metallic Pearl Effect epoxy.

**Q: Is the Metallic Pearl Effect epoxy applied differently than the solid colored epoxy?**

A: There are a few differences between the two applications. It is packaged the same way as our solid colored epoxy, with exception of the pearl pigment powder packaged separately until you are ready to do the application. You simply pour the pearlescent metallic pigment powder into the Part B hardener of the kit, pre-mix it into the hardener thoroughly for a couple of minutes and then proceed to add the Part B hardener to the Part A resin and mix together thoroughly for two minutes. Our Metallic Pearl Effect epoxy is applied at a rate of 80 square feet per gallon versus 160 square feet per gallon of our solid colored epoxy. Applying the Metallic Pearl Effect epoxy at this thickness will allow it to move around during the drying process. The actual application is exactly the same except for one extra step. After spreading it with a squeegee, you will then back roll it with a roller cover. As you are back rolling it you can take your roller cover and create “S” shapes in the coating. This roller movement will allow the Metallic Pearl Effect epoxy to move around. The result will speak for itself when you have an amazing multi-dimensional floor.