



Revision date: 6/26/07

FLOOR ARMOR™ INSTRUCTIONS

IDENTIFY YOUR TYPE OF CONCRETE

- Concrete with oil or grease stains
- Concrete with hairline cracks
- Concrete with wide cracks
- Concrete with chipped-out areas (broken concrete in various stages of disrepair)
- Concrete with damp areas
- Concrete with soft or chalky concrete
- Concrete with silicone sealers or tire dressing which includes silicone

REMEDICATION OF PROBLEM FLOORS

Concrete with oil or grease stains

- Pour **POR-15® Grease and Oil Remover** directly on stain and brush vigorously with stiff brush, then blot with rag. Repeat as needed until stain recedes. Allow two hours to dry, then paint with **Floor Armor™ First Coat**.

Concrete with hairline cracks

- **Floor Armor™ First Coat** will cover hairline cracks. No further action required.

Concrete with wide cracks

- Use **POR-15® Concrete Repair Kit** to fill in wide cracks.

Concrete with chipped-out areas, broken concrete, etc.

- Use **POR-15® Concrete Repair Kit** to fix chipped or broken concrete.

Concrete with damp areas

- Dry floor with dehumidifier, hair dryer, or space heater, taking care to insure heater conforms to local safety standards. Floor must be completely dry before applying **Floor Armor™**. When unsure about moisture levels in the concrete, take a 6 inch x 6 inch plastic sheet (cellophane) and tightly tape it with duct tape to the concrete. After 72 hours, remove the plastic sheet and if it is free of dampness, condensation or damp odors then the concrete is suitable for Floor Armor™. For best results, perform this test in multiple areas on the concrete surface.

Concrete with soft or chalky concrete

- Vacuum floor thoroughly, then apply **Floor Armor™ First Coat**.

Previously Coated floors

- Requires removal of the old coating. This may take mechanical grinding, sanding, or shotblasting. Contact our technical department at 800-457-6715 if you have more questions.

FIRST COAT: FLOOR ARMOR™ APPLICATION

Products needed:

- 1 - gallon Floor Armor™ Part A
 - 1 - quart Crosslink Catalyst Part B
 - 1 - ½" nap roller cover
 - 1 - birdcage frame roller
 - 1 - pair of latex gloves
 - 1 - 2" brush for trim and edge work
 - 1 - StirStick
1. Vacuum floor thoroughly.
 2. Tape off the surrounding walls with masking tape from the floor up. When that's been done, inspect your floor for irregularities, which can usually be removed with a hammer and chisel. If holes or chipped out areas require fixing, now is the time to do it. See remediation of problem floors above.
 3. Now mix (**Floor Armor must be stirred only, do not shake**) Part B Crosslink Catalyst with Part A Floor Armor™. Your can of Part A Floor Armor™ is ¾ full for mixing convenience. After you mix your two-component prime coat, you will have to wait 10 minutes for induction (wait time) before using it. During induction time make sure lid is on can loosely.



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NOTE: In humid environments (65% humidity or more) you must reduce the induction time to 5 minutes and we also recommend that the concrete is coated during the early morning hours when humidity levels are at their lowest.

4. Using your 2" brush, paint a 2 to 3 inch border starting from the walls out onto the floor. NOTE: Your Floor Armor™ First Coat will dry slightly darker and you will notice this as you apply fresh paint. (This first coat will not be uniform, and you will note differences in color and, in some areas, floor stains will show through. Do not be discouraged by the appearance of the first coat. When you apply the second coat, however, you will begin to understand the incredible covering power of Floor Armor™).
5. Next, pour paint into the paint tray and evenly cover the ½" nap roller with Floor Armor™. Do not begin close to the walls; instead, start several feet from the wall and paint towards the wall. Paint in horizontal widths about 2 to 3 feet wide. When you have dispensed some paint onto the floor, work it back to the walls to create an even application. Similarly, always roll some paint off of the roller onto the floor before rolling paint up to the paint already applied. Keep in mind that a thin covering coat is most effective in applying Floor Armor™. Allow your Floor Armor™ Prime Anchor Coat to dry thoroughly (4 to 6 hours or overnight) before applying Floor Armor™ Second Coat. Do not exceed 12 hours between coats.

SECOND COAT: FLOOR ARMOR™ APPLICATION

Products needed:

- 1 - gallon Floor Armor™ Part A
- 1 - quart Crosslink Catalyst Part B
- 1 - ¼" nap roller cover
- 1 - birdcage frame roller
- 1 - pair of latex gloves
- 1 - StirStick
- 1 - Non-Slip Aggregate (if a textured, non-slip surface is desired)
- 1 - container decorative chips (if decorative chips are desired)

1. Mix Part B (Floor Armor must be stirred only, do not shake) Crosslink Catalyst with Part A Floor Armor™. Your can of Part A Floor Armor™ is ¾ full for mixing convenience. Keep in mind that after you mix Part B Crosslink Catalyst to Part A Floor Armor™, you will have to wait 10 minutes for induction (wait time) before using it. During induction time make sure lid is on can loosely. **NOTE: In humid environments (65% humidity or more) you must reduce the induction time to 5 minutes and we also recommend that the concrete is coated during the early morning hours when humidity levels are at their lowest.** Trim surrounding walls and floor as before, then apply second coat to the entire floor in the same manner as you applied the Floor Armor First Coat.
 - ❖ *If a textured non-skid surface is desired, mix in and stir Non-Skid Aggregate before pouring paint into roller tray.*
2. Apply a second coat of Floor Armor™ with the included ¼" nap roller. Allow 24 before allowing light foot traffic and up to 96 hours for heavy traffic and industrial use. If Floor Armor™ Clearcoat and decorative chips are to be applied, please refer to the next section for specific application information.

IMPORTANT APPLICATION INFORMATION: *While doing any painting, it is extremely important to keep all doors and windows near the work area closed tightly to keep fumes from coating at a minimum. Tape the bottom of the door leading to area to be coated. Wear a charcoal mask or other protective face mask while doing this job. If possible, circulate the air in the area that is being painted with a fan blowing to the outside. Walk outside every 5 or 10 minutes to breathe in fresh air.*

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DECORATIVE CHIP APPLICATION INSTRUCTIONS

Decorative chips must be broadcast during the Floor Armor™ Second Coat Application step. After completing your first 3 to 4 foot section across the width of the concrete floor, you will then be ready to begin broadcasting your decorative vinyl chips onto the wet Floor Armor™ surface. We suggest you broadcast the chips using an underhand motion similar to pitching a softball to a batter. Since the chips have a tendency to stick together, we suggest you empty the package into a bowl first, from which you can easily disperse them so they can evenly flow to the floor as you toss them underhand. When you have finished dispersing the first 3 to 4 foot width, go back to your Floor Armor™ Second Coat application and put down another 3 to 4 foot width, following that with another vinyl chip broadcast until the job is completed. Let dry approximately for 6 to 8 hours before applying Floor Armor™ Clearcoat.

THIRD COAT: FLOOR ARMOR™ CLEARCOAT APPLICATION

Products needed:

- 1 - gallon Floor Armor™ Clearcoat Part A
- 1 - quart Crosslink Catalyst Part B
- 1 - ¼" nap roller cover
- 1 - birdcage frame roller
- 1 - pair of latex gloves
- 1 - StirStick
- 1 - 2" brush for trim and edge work
- 1 - Non-Slip Aggregate (if a textured, non-slip surface is desired)

FLOOR ARMOR™ CLEARCOAT INSTRUCTIONS

1. Now you are ready for your Floor Armor™ Clearcoat application. First, sweep the floor to remove any vinyl chips that didn't stick. Next, mix (**Floor Armor must be stirred only, do not shake**) Part B Crosslink Catalyst with Part A Floor Armor™ Clearcoat. Your can of Part A Floor Armor™ Clearcoat is ¾ full for mixing convenience. Keep in mind that after you mix your two-component Floor Armor™ Clearcoat, you will have to wait 10 minutes for induction (wait time) before using it. During induction time make sure lid is on can loosely. **NOTE: In humid environments (65% humidity or more) you must reduce the induction time to 5 minutes and we also recommend that the concrete is coated during the early morning hours when humidity levels are at their lowest.**
2. Pour the mixed Floor Armor™ Clearcoat into your paint tray and with your 2" brush, apply Floor Armor™ Clearcoat with a 2 to 3 inch border starting from the walls out onto the floor. Next, evenly cover the included ¼" nap roller with Floor Armor™ Clearcoat. Do not begin close to the walls; instead, start several feet from the wall and paint towards the wall. Paint in horizontal widths about 2 to 3 feet wide. When you have dispensed some paint onto the floor, work it back to the walls to create an even application. Similarly, always roll some paint off of the roller onto the floor before rolling paint up to the paint already applied. Keep in mind that a thin covering coat is most effective in applying Floor Armor™ Clearcoat. We suggest you coat in 3 to 4 foot sections horizontally across the width of the concrete floor. It is sometimes helpful to have a light positioned at a low angle from the outside door pointing inwards shining toward your work area to help you see uncoated areas you may have missed. Let coating dry for 24 hours before allowing light foot traffic and up to 96 hours for heavy traffic and industrial use.

IMPORTANT APPLICATION INFORMATION: *While doing any painting, it is extremely important to keep all doors and windows near the work area closed tightly to keep fumes from coating at a minimum. Tape the bottom of the door leading to area to be coated. Wear a charcoal mask or other protective face mask while doing this job. If possible, circulate the air in the area that is being painted with a fan blowing to the outside. Walk outside every 5 or 10 minutes to breathe in fresh air.*

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