



# KICK START™

CONCRETE CLARITY ENHANCER

# APPLICATION INSTRUCTIONS

*Please Note: This information is provided as a reference and guide for applying KickStart™, specific to the use of the RetroPlate® Concrete Polishing System and Ashford Formula™. The information provided herein is furnished as a service only, and does not replace field training by experienced, competent and authorized instructors. It is the responsibility of the reader to seek qualified instruction prior to utilizing any information contained in this guide.*

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## PREPARATION AND TESTING

KickStart is intended for use on hard steel troweled concrete surfaces that are most commonly tight, indoor floors. It can be applied to any concrete floor at least 28 days old. It can also be used for reconditioning densified and non-densified concrete floors. **NOTE: For more information on reconditioning floors with KickStart and other project specific uses, please contact Curecrete Distribution, Inc.**

Due to the wide variety of substrates, preparation methods, application methods and environments, please test the product in an inconspicuous spot for compatibility prior to full scale application.

Any membrane forming curing compounds or coatings should be removed before application of KickStart.

Heavy stock removal should be accomplished utilizing RetroGrind, our premier cutting product.

All surfaces must be clean and free of grease, oil, dust, dirt, etc. Cover and protect any surrounding areas to protect from undesirable oversplash. To clean, use *CreteClean Plus with Scar Guard™* or *CreteClean Plus with Scar Guard - Single Dose™* per label directions, and rinse thoroughly. If mold, mildew, or fungus is present, kill and remove prior to applying *KickStart*.

For the best protection on concrete and masonry, patch and repair damaged holes, cracks and crevices. Use *CreteFill Pro Series™* joint fillers and repair products per label directions.

## RETROPLATE APPLICATION INSTRUCTIONS

1. Auto scrub the floor with *CreteClean Plus with Scar Guard* or *CreteClean Plus with Scar Guard - Single Dose* before starting this process. This will prepare the surface to receive KickStart. Identify whether or not any coatings, cure and seals, or bond breakers are blocking liquid absorption into the floor. If present, remove before applying KickStart.
2. Apply KickStart at a rate of 400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/L) to a clean, damp floor using a pump-up sprayer. It is best practice to broom or scrub in KickStart for consistent coverage.
3. Select the appropriate diamonds that will achieve the first cut depth requirement. This step must be ground in a crosshatch pattern (one pass in one direction, followed by the next pass perpendicular to the previous pass) overlapping the grinder halfway. This will ensure that a consistent scratch pattern is achieved with greater potential for total refinement of the floor. NOTE: Changing directions/crosshatching on every pass (grit change or not) is recommended when possible.

Using a broom, keep the active slurry wet and evenly spread across the floor during this entire step. Doing so conditions the floor and enhances the diamond tool's ability to cut. Sparingly add water during the process, especially during the first cut. It is preferable to have water in the tank of the grinder to drop water through the grinding head. If the equipment does not allow for addition of water to a tank on the grinder, apply the necessary water with a sprayer or hose, being cautious not to over wet and dilute the KickStart and its effectiveness.

During the initial grind period, squeegee several areas of the floor, making sure no random scratches or grind lines are present. Confirm each grit has accomplished complete refinement prior to moving on to the next grit. Refinement has been achieved if slurry is easy to pull with no residue left behind. If slurry is left behind during squeegee pull, refinement has not been achieved. Once checked, spread the slurry back over the area with a broom. In most cases you will continue to wet cut with the necessary steps to take the floor to a 400 grit refinement.

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4. Remove all slurry from the floor and auto scrub the floor with the CreteClean Plus with Scar Guard solution. If the floor will be dyed, apply the dye now.
5. Apply RetroPlate at 200 ft<sup>2</sup>/gal (approximately 5 m<sup>2</sup>/L) and allow to dwell for at least 1 hour to properly densify the floor. Remove any residual RetroPlate on the surface and auto scrub the floor once again with CreteClean Plus with Scar Guard solution. NOTE: Due to the chemical reaction of KickStart, the floor surface will have a dull, matte finish that will instantly turn to high gloss with the introduction of dry polishing.
6. Allow the floor to dry completely and proceed with 800 grit dry polishing. Ensure that polishing equipment is clean and dry to avoid resin smearing caused by water on the floor.
7. Auto scrub the floor with CreteClean Plus with Scar Guard solution.
8. Burnish the floor with A-Pad 3000 pads.

### ASHFORD FORMULA APPLICATION INSTRUCTIONS

1. Auto scrub the floor with CreteClean Plus with Scar Guard or CreteClean Plus with Scar Guard - Single Dose before starting this process. This will prepare the surface to receive KickStart. Identify whether or not any coatings, cure and seals, or bond breakers are blocking liquid absorption into the floor. If present, remove before applying KickStart.
2. Apply KickStart at a rate of 400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/L) to a clean, damp floor using a pump-up sprayer.
3. NEW FLOORS: Use a pad of correct stiffness in order to not damage the cream finish.

EXISTING FLOORS: Use a black pad to resurface/refresh the floor.

Use the appropriate pads on the scrubber, keeping the squeegees up and the vacuums off. Make a crosshatch pass over the floor, then lower the squeegees and turn on the vacuum. Open the solution tank valve allowing the CreteClean Plus with ScarGuard solution to assist in the removal of KickStart, leaving the floor clean and ready for the Ashford Formula application.

4. Apply the Ashford Formula at a rate of 200 ft<sup>2</sup>/gal (approximately 5 m<sup>2</sup>/L) and allow to dwell for a minimum of 30 minutes in order to properly densify the floor. Remove any residual Ashford Formula on the surface and auto scrub the floor once again with CreteClean Plus with Scar Guard or CreteClean Plus with Scar Guard - Single Dose.
5. Allow the floor to dry completely and burnish the floor using a 1800-3500 RPM propane burnisher with an abrasive black stripping pad or CreteHeat™ pad to accelerate the sheen more quickly. Contact Curecrete for more detailed burnishing instructions.

### APPLICATION INSTRUCTIONS SPECIAL NOTES

- Ashford Formula or RetroPlate must be used to densify all floors treated with KickStart.
- KickStart should not be applied to soft concrete floors until it has been properly densified with Ashford Formula or RetroPlate.
- Use with caution on elevated slabs, using very little water.
- More product may be required on a highly absorbent slab. Left to trained applicator's discretion.
- Depending on the hardness or finish of floor, salt 'n pepper exposure may be achieved by using 50 grit or 100 grit hybrids in place of 200 grit metals.
- **Clean Up**: Clean spills, splatters, hands and tools immediately after use with soap and warm water.
- **Maintenance**: Routine sweeping, mopping, washing and auto scrubbing of floors with CreteClean Plus with Scar Guard per label directions and as recommended. DO NOT USE CLEANERS THAT ARE ACIDIC OR THAT HAVE A HYDROXIDE BASE.

*For questions or concerns on these instructions, KickStart, RetroPlate Concrete Polishing System or Ashford Formula, contact **Curecrete Distribution, Inc.**, at (801) 489-5663 or toll free at (800) 998-5664.*