

CRMX™ Concrete Polishing System Floor Maintenance Guide



The CRMX™ Concrete Polishing System provides an environmentally friendly floor finish. It eliminates the resource consumption required to make and periodically replace applied floor coverings. Properly maintained, it will outlast most floor coverings and look beautiful for years to come. Polished Concrete also eliminates the volatile organic compounds (VOCs) that most floor coverings and adhesives emit. It also eliminates the indoor air quality problems due to strippers, waxes, sealers, and polishes needed to maintain other types of floor finishes.

Overview

If the main goals of the cleaning program are achieved and properly executed, sealed and polished concrete surfaces will outlast and outperform all other industrial coatings in its class.

The basic goals are:

- Clean
- Renew
- Protect

Clean

Daily cleaning should consist of sweeping and damp scrubbing by means of automatic walk-behind and/or ride-on automatic floor scrubbers.

Spills and heavily soiled areas should be cleaned up immediately with CRMX™ Polished Concrete Floor Cleaner. Most neutral pH disinfectants and industrial cleaners are acceptable to use for spot cleaning but must be verified as an approved cleaning agent. CRMX™ Polished Concrete Floor Cleaner is a revolutionary cleaner specially formulated to inject a continuous dispersion of pure silica and hardener into the surface at each cleaning. Diamond impregnated maintenance pads are NOT required for the CRMX™ Maintenance System. CRMX™ Scrub Pads used on automatic floor scrubbers are approved for use with the CRMX™ Polished Concrete Floor Cleaner. When using the CRMX™ Maintenance System to clean parking decks and other heavy textured finishes, automatic scrubbers equipped with nylon brushes can be used.

Renew

Each and every facility will change its traffic pattern over time and begin to show cosmetic wear in high exposure areas. In higher traffic areas, main walkways could develop micro abrasion giving it a duller appearance than areas not as heavily traveled. This is a very common condition that does not represent a defective or failing product. If your floor has been polished with the CRMX™ Concrete Polishing System using CRMX™ Densifier and protected with CRMX™ Acid Blocker, simply burnishing either protective system using a CRMX™ Buff Pad will restore the shine. Areas of extreme traffic, or that have suffered from a lack of daily maintenance, can often be brought back to the original gloss in this manner. In most severe cases where restoration is required, contact GMI Engineered Products and technical services will provide facility management with the proper restoration process and procedure using automatic scrubbers and tools in the CRMX™ Concrete Polishing System.

Protect

Immediately after a CRMX™ Concrete System has been installed, it is important to immediately implement and begin using the CRMX™ Maintenance System. The CRMX™ Maintenance System consists of CRMX™ Scrub Pads and CRMX™ Polished Concrete Floor Cleaner. The CRMX™ Polished Concrete Cleaner is shipped in a concentrated formula that requires a 1:128 dilution (1oz. CRMX™ Polished Concrete Floor Cleaner for each gallon of water) with clean potable water. Preferred method of cleaning equipment is with battery powered automatic scrubbers but, small areas can be cleaned with a mop and bucket.

CRMX™ Polished Concrete System Floor Daily Maintenance

Auto Scrubber

1. Dust mop CRMX™ Polished Concrete floor so it is free of debris.
2. Dilute CRMX™ Polished Concrete Floor Cleaner at 1:128 (1 fl. oz. to every 1 gallon of cool water) for use with an auto scrubber. Concentration rates can be increased to 2 fl. oz. to every 1 gallon of water where heavy cleaning is required.
3. Scrub with CRMX™ Scrub Pad.
4. Burnish monthly with a CRMX™ Buff Pad using a high speed propane burnisher.

Mop & Bucket

1. Dust mop CRMX™ Polished Concrete floor so it is free of debris.
2. Dilute CRMX™ Polished Concrete Floor Cleaner at 1:128 (1 fl. oz. to every 1 gallon of cool water) for use with a mop and bucket. Concentration rates can be increased to 2 fl. oz. to every 1 gallon of water where heavy cleaning is required.
3. Pick-up soil and excess cleaner with a tightly wrung-out cleaning mop.
4. Burnish monthly with a CRMX™ Buff Pad using a high speed propane burnisher.

CRMX™ Polished Concrete System Floor Cleaner

CRMX™ Polished Concrete Floor Cleaner is pH neutral cleaner utilizing pure silica to fortify and densify concrete surfaces. The CRMX™ Polished Concrete Floor Cleaner is uniquely refined and highly reactive and will reduce porosity on any concrete surface with every application thus making the floor more stain and abrasion resistant giving the concrete a more reflective finish.

To order contact GMI Engineered Products at **855-755-2200** or via email at info@gmiengineeredproducts.com or call a *Certified* CRMX™ Dealer near you.

Visit our Website



CRMX™ Polished Concrete System Cleaning Stains & Spills

Any spills that occur should be cleaned up as soon as possible. The longer a spill stays on the surface, the more likely it is to cause a stain or more severely, etching. In Grocery Retail settings, CRMX™ Acid Blocker is always the most effective first line of defense for aisles that are exposed to spills with product that contains high levels of acid such as pickle juice, vinegar, wine, and mustard.

In most cases, using CRMX™ Polished Concrete Floor Cleaner with a mop or small spot cleaning with a rag is sufficient to contain spills and prevent staining. Use the cleaning guide below with the proper dilution rates that are prescribed for a quick and safe remediation program.

Stain Description		Cleaning Method
Acidic Foods & Beverages	Coffees / Sodas Citrus Juices Salad Dressings Tomato Products	Use CRMX™ Polished Concrete Floor Cleaner at full strength to scrub the spill. If a white etch is present, reapply CRMX™ Acid Blocker and burnish with a CRMX™ Buff Pad using a high speed propane burnisher.
Alkaline Materials	Ammonia Bleach Lime	Clean with CRMX™ Polished Concrete Floor Cleaner at normal dilution. Re-apply CRMX™ Acid Blocker and burnish with a CRMX™ Buff Pad where necessary.
Blood		Use cold water and CRMX™ Polished Concrete Floor Cleaner diluted 1:16. Hot water will cause the stain to deepen.
Gum		Carefully scrape off the solid material. Be sure not to scratch the surface. Scrub with CRMX™ Polished Concrete Floor Cleaner at normal diluted ratio.
Heel Marks		Scrubbing with CRMX™ Polished Concrete Floor Cleaner at normal dilution will remove most heel marks. A quick pass across affected area will remove remaining blemishes.
Mildew		Mildew must be treated with a mildewcide, a chemical that will actually kill the mildew fungus. If, after treating, there are etch spots, they can be burnished with a CRMX™ Buff Pad where necessary.
Oils	Brake Fluids Greases Hydraulic Fluids	Wipe up the spill as soon as possible. Use a de-greasing cleaner suitable for concrete surfaces. Avoid using brake cleaner or any other highly caustic material.
Residues	Adhesives Sugars	Carefully scrape off the solid material with a vinyl or rubber edged blade. Be cautious not to scratch the surface. Scrub with CRMX™ Polished Concrete Floor Cleaner. If needed, use a solvent suitable for concrete surfaces to remove any difficult residues. Apply CRMX™ Acid Blocker where needed.
Road Salts	Magnesium Chloride Rock Salt	Clean with CRMX™ Polished Concrete Floor Cleaner at normal dilution. Re-apply CRMX™ Acid Blocker and burnish with a CRMX™ Buff Pad where necessary. If certain areas of the building are more prone to road salt, CRMX™ Acid Blocker should be applied to guard against potential etching.
Tire Tracks / Tread Marks		Scrubbing with CRMX™ Polished Concrete Floor Cleaner at normal dilution will remove tire streaking on the surface.
Water		Wipe up as soon as possible. If a mark is visible, it can be burnished with a CRMX™ Buff Pad where necessary.