

***X*TREME POLISHING SYSTEMS COMPLETE USER GUIDE**



***Make New Concrete Floors Shine...
...And Old Concrete Floors Look Like New !***

1-888-203-6791

www.XtremeHardDensifier.com

Polishing Systems of the Future

www.xtremeharddensifier.com



Our Colloidal Silica-based products are the most innovative on the market today!

Ask The Experts

Xtreme Hard was created by experienced concrete polishing contractors who were looking to provide a hard, high-gloss finish while doing their jobs. Polishing professionals who have tried Xtreme Hard agree that it saves time and money, and gives a better result:

"Xtreme Hard cut steps and thereby reduces my labor costs."

Outstanding Floor Group, Justin Etzel. Butler, PA

"I can start polishing as soon as it's dry, cutting a lot of time. I get better results, especially when refinishing marginal quality concrete slabs."

Elegant Concrete Polishing, Nathan Christner. New Haven, CT

"I have tried other densifiers including other colloidal silica. None of them compare to Xtreme Hard. I really thought it was a too good to be true product. It really works, you'll see."

M R Decorative Concrete, Mike Stoltz and Rob Greenrose. Louisville, KY

XTREME™
POLISHING SYSTEMS

Why Xtreme Concrete Polishing?

The Xtreme Concrete Polishing System transforms ordinary concrete into a beautiful, glossy, easy-to-clean, environmentally-friendly surface. The concrete is actually hardened & densified making your concrete 6 to 10 times harder than the original substrate; so its long-term finish resists wear, adding years of life to your floor. The Xtreme Polishing System floor has a 25 year warranty.



POLISHING IS BENEFICIAL & EFFICIENT FOR ANY SURFACE

The Xtreme Polishing System uses a proprietary blend of diamonds for concrete surface preparation and polishing. Our system has been time tested for the past seven years with millions of square feet done world-wide (using a technique that has evolved considerably over the past few years.)

Xtreme Polishing Systems' unique patented diamond tooling offers a higher gloss finish on any concrete surface and out performs any competitor--guaranteed. It will virtually eliminate surface dusting, the marks made by forklifts, and cut down the cost of maintenance by being virtually maintenance free.

Xtreme Polishing System is a green product that will reward your project with a higher number of LEED Certification points when specified as a finished floor. It will give you the cutting edge above your competition.

Another advantage of the Xtreme Polishing System is the ability to provide a highly polished terrazzo floor through the removal of the first few millimeters of the concrete surface and exposing the aggregate for decorative results. It is now possible to have a highly polished floor without the use of heavy acrylics/wax that scuff, mar, and require high maintenance.

XTREME POLISHED SYSTEM IS THE ULTIMATE ALTERNATIVE IN INDUSTRIAL FLOORING

Only 2% of all commercial concrete floors are polished. By the year 2015 the National Flooring Association claims that 15% of all commercial floors will be finished polished concrete.

The many benefits of polished concrete flooring are:

- Low maintenance
- High durability
- Elimination of dusting and fork lift tire marks
- Fire resistant
- Aesthetic beauty in natural concrete without the use of topical coating
- Low installation and maintenance costs
- XPS considered by the National Flooring Association to be a high traction floor that performs even better wet
- Abrasion resistant. Meets or exceeds all ADA and OSHA requirements
- Green product (Eco-friendly)
- Helps contractors get LEED points

Polished Concrete shines to a smooth, glass-like finish that actually appears almost wet.

Polished Concrete can be used almost anywhere, for example:

Warehouses, restaurants, manufacturing facilities, automotive shops, showroom floors, residential interiors, garages, hospitals, prisons, airports, shopping malls, airport hangars, as well as government facilities. Xtreme Polishing System is a sustainable floor solution.

More reasons Xtreme Polishing System concrete polishing is the best choice:

The Floor Is Beautiful: Concrete polishing dramatically enhances new or existing concrete by increasing the reflectance, or the shine of the concrete, producing a brilliant marble-like luster.

The Floor Is Strengthened: Concrete sealing, densification, and polishing have been shown to increase the wear resistance of concrete surfaces. When using the Xtreme Polishing System, your end result is a near-surface wear zone that wears like the aggregate it surrounds, adding years of useful life to your floor.

The Floor Is Repaired: Concrete polishing can be accomplished even from highly worn & weathered slabs and can be completed with other necessary floor rehabilitation work such as joint-curl and surface-crack repair. Check with your approved Xtreme Polish applicator to make sure your concrete is polishable.

The Floor Can Breathe: The number one cause of concrete coating’s failure is hydrostatic pressure building up under the coating. XPS polished concrete can breath, allowing moisture to escape while not allowing salts or efflorescence to form, increasing surface spill resistance. Xtreme’s oil-resist solution will not only resist oil, but will also repel water.

Installation Is Cost Effective: Generally, installation costs for Xtreme Polishing System polished concrete is less than the cost of other concrete coating systems, but that’s not where the savings end. Because concrete coating systems can potentially fail due to delamination, cracking, fading, staining, yellowing, and wear and tear, the true value of a polished concrete floor must be measured by its strength and beauty and its long-term floor maintenance cost savings. These savings are increased by the lower usage of energy needed to light your space due to the reflective nature of the concrete.

Environmentally Friendly: The Xtreme Polishing Systems concrete polishing process is a mechanical dust-free and water-free surface preparation system utilizing water-based, odorless, zero VOC chemicals enabling minimal interference in your day to day operations.

How Does Polished Concrete Compare?

Costs per Square Foot	Installed Cost	Annual Maintenance	Average Life in Years	Replacement Cost	Total Expense 20 years	Cost PSF/Year
Vinyl Sheet Flooring	\$2.72	\$1.39	9	\$3.43	\$38.14	\$1.91
Vinyl Tile Flooring	\$1.23	\$1.47	15	\$1.60	\$32.76	\$1.64
Ceramic Mosaic Tile	\$6.48	\$1.22	20		\$30.88	\$1.54
Quarry Tile	\$5.78	\$0.58	20		\$30.18	\$1.51
Cement Terrazzo	\$8.50	\$0.46	20		\$20.10	\$1.01
Granit-Glaze	\$6.50	\$0.46	20		\$15.70	\$0.79
Polished Concrete	\$3.98¹	\$0.50	20		\$10.00	\$0.50

Xtreme Polishing Dry Systems

The Xtreme Polishing System (XPS) is our most innovative, cutting-edge, cost-effective and advantageous solution for reconditioning, and remodeling your floor. The choices are many! From our most economical option, the Green-X system, to our high-end yet still inexpensive XPS 3000 system, we have every option in between to cover your every need and budget.

XPS 3000[†]

The Xtreme Polishing System offers the perfect polish solution and it is the epitome of a lustrous floor, with a “mirror-like” look. With a state-of-the-art process involving metal bonds, 100% pure phenolic resins, and the highest possible grit-burnishing “Roll-X” pads, you will obtain that most desired gloss which will reflect even the light bulb filaments!

Approximate cost:
\$4.50 - \$7.00/sq.ft. - Estimating purposes only.¹



XPS 800[†]

Similar to the XPS 3000 system, the XPS 800 option is a very promising solution for that beautiful aesthetic gloss people desire. With this system, you'll be able to see the light fixtures and bulbs reflecting off your floor; it is that shiny!

It requires the same pure phenolic resins; but the only difference essentially is the grit at which you stop at.

Approximate Cost:
\$3.50 - \$6.00/sq.ft - Estimating purposes only.¹



XPS 400[†]

This system solution introduces the resin copper pad system. This unique formulation of phenolic resin and copper removes tool marks much more effectively than a standard phenolic resin, giving the floor a beautiful, elegant, and casual matte finish.

Approximate Cost:
\$2.75 - \$4.75/sq.ft. - Estimating purposes only.¹



For excellent polishing results, we have designed an easy-to-follow layout of the step-by-step process, along with a compilation of all the tools needed to properly execute the process.

¹Prices may vary according to the condition of the concrete, the square footage, and the location of the job. These are just approximations.

[†]Always perform a “Est Panel” prior to proceeding with project.

I. GRINDING & PREPARATION

- A. Break the cream of the concrete with the XPS diamond metal bonds (refer to catalog) on a Polishing Machine (i.e., STI 3030 refer to catalog). Depending on the strength of the concrete, you will use different grits. The order of the grits should be as follows:

	For Hard Concrete (PSI ≥ 5000) MOHs scale* of 4, 5 or 6	For Medium Concrete (PSI >2000, <5000) MOHs Scale* of 3	For Soft Concrete (PSI ≤ 2000) MOHs scale of 2 or lower
<i>Step 1</i>	30 grit	70	120
<i>Step 2</i>	70 grit	120	
<i>Step 3</i>	120 grit		

*MOHs Hardness Test Kit used as an indicator of concrete's hardness (refer to catalog)

- B. Clean floor with scrubber machine (refer to catalog) or Floor Care Kit (microfiber wet pad, squeegee frame, and handle squeegee. Refer to pg. catalog).

II. POLISHING

- A. With the same polishing machine, continue the polishing part of the process with the XPS Phenolic resin pads (see catalog) to obtain the best finish possible. The grit order is as follows:
- 50 grit
 - 100 grit
 - 200 grit
 - 400 grit

III. COLOR APPLICATION

- A. Due to the natural characteristics of concrete (aggregate, porosity, density, and amount of capillaries), you will put down your acetone-based color either at 200 or 400 grit. Water-based color will not penetrate as deeply as acetone-based and should be applied at 200 grit, reapply at 400 grit and densify at 400. (Refer to catalog to view different options on color, along with penetrating agent options.)

NOTE:

- If applying acetone-based dye, make sure you use a special acetone-resistant pump (i.e., Patriot 350 or 500, refer to catalog) or else the chemical will eat the rubber away on your lower wet sprayers.
 - If applying to exterior surfaces, use an exterior Xtreme color dye.
- B. Clean floor with water (if using dye) or neutralizing agent (if using acid stain).

IV. DENSIFY

- A. Apply Xtreme Hard densifier (refer to pg. 14) with a pump sprayer (refer to catalog) to harden the concrete, to obtain a better color penetration, and for ultimate polishing results. The concentrated solution of the Xtreme Hard densifier is to be diluted in a 4:1 ratio with water, to obtain 5 gallons of working solution (i.e., for every 1 gallon of Xtreme Hard densifier, add 4 gallons of water). For best results, saturate the floor without puddling, then agitate with a broom.
- B. XPS recommends densifying at 200 grit. Soft, poor performance floors can be densified multiple times.

V. WAIT

- A. Wait 15 mins. to 1 hr. or until dry to touch, depending on the porosity of the floor and atmospheric conditions.

VI. CONTINUE POLISHING

This step sets the different systems apart!! Using the same XPS Phenolic resin system (refer to pg. 17 and 18), you continue polishing as follows:

	800 Grit	1,500 Grit	Re-densify	3,000 Grit
XPS 3,000	x	x	x	x
XPS 800	x	-	-	-
XPS 400	-	-	-	-

VII. BURNISHING

The burnishing portion of the process enhances the look of the floor by providing a high-gloss or “wet-look” appearance². This step requires the use of an Ultra High Speed Burnisher (refer to catalog, our Diamond Bezel Roll-X pads (refer to catalog), and a protective coat provided by our Xtreme Shield protector (refer to pg. 14). To properly burnish, follow these steps:

	XPS 3,000	XPS 800	XPS 400
Step 1	Burnish using the 3,000 grit Roll-X pads	Burnish using the 800 grit Roll-X pads	Burnish using the 400 grit Roll-X pads
Step 2	Spray a thin film of the Xtreme Shield ³ (refer to pg. 14) to protect the floor and give it that extra luminous appeal at a 1:1 ratio with water (1 gallon of Xtreme Shield for every gallon of water). <i>Note: don't over apply!!</i>	Spray a thin film of the Xtreme Shield ³ (refer to pg. 14) to protect the floor and give it that extra luminous appeal at a 1:1 ratio with water. <i>Note: don't over apply. Pre-wet pad with shield.</i>	Spray a thin film of the Xtreme Shield ³ (refer to pg. 14) to protect the floor and give it that extra luminous appeal at a 1:1 ratio with water. <i>Note: don't over apply!!</i>
Step 3	Distribute it evenly with a microfiber wet pad/Floor Care Kit (refer to catalog).	Distribute evenly with a microfiber wet pad/Floor Care Kit (refer to catalog).	Distribute evenly with a microfiber wet pad/Floor Care Kit (refer to catalog).
Step 4	Burnish using the 3,000 grit Roll-X pads. Add heat.	Burnish using the 800 grit Roll-X pads. Add heat.	Burnish using the 400 grit Roll-X pads. Add heat.
Step 5	Repeat steps 1-3	Repeat steps 1-3	Repeat steps 1-3
Step 6	Burnish one last time using the XPS Curing Pads (refer to catalog).	Burnish one last time using the XPS Curing Pads (refer to catalog).	Burnish one last time using the XPS Curing Pads (refer to catalog).

- Do not clean or apply any water to the surface for a minimum of 72 hrs.
- Always do a test patch.
- Similar results might be attempted but never duplicated!! In order for us to guarantee these results, and for you to obtain a successful floor, these particular tools, machines, and steps must be used.

To maintain your floor and for better polishing results, apply the Xtreme Clean (refer to pg. 14) when cleaning the floor. The Xtreme Clean's unique formula further reacts with the concrete, densifying it and bringing out an extra gloss. The cleaner is one of your best investments since it is used at a very small dilution ratio. For every gallon of water you only need 4 oz. of Xtreme Clean, making it exceptionally cost-effective.

²The National Flooring Association considers the XPS floors high traction, performing even better wet.

³For optimal results, Xtreme Shield needs to be cured at 90°F or hotter measured with an infrared thermometer behind burnisher.

GREEN-X



This system was designed with the customer's pocket and Mother-Earth in mind. It is our most cost-effective option to recondition a floor; and it gives the floor a deep scrub clean, as well as a wear-retardant finish, making the concrete 7 times harder*. More abrasion resistance by as much as 500%.

Approximate Cost:

\$0.50 - \$1.50/sq.ft - Estimating purposes only.⁴

The steps to follow are the following:

- I. Place concrete screens under the pads of the scrubbing machine.
- II. Scrub the floor by adding Xtreme Clean to the scrubbing machine (add 4 oz. of cleaner for every gallon of water). Allow floor to air dry 30-40 minutes.
- III. Densify floor using our Xtreme Hard densifier (refer to pg. 14) by spraying the floor with a pump sprayer (refer to pg. 33). The dilution ratio for the densifier is 4:1 to obtain 5 gallons of working solution (4 gallons of water for every 1 gallon of concentrated Xtreme Hard densifier). For best results saturate the floor without puddling, then agitate with a broom.
- IV. Wait 30 mins. – 2 hours.
- V. With burnisher (refer to pg. 29), burnish floor with Roll-X pads of 400 grit (refer to catalog).
- VI. Densify one more time with Xtreme Hard densifier.
- VII. Burnish again with 800 grit Roll-X pads.
- VIII. Spray a thin film of the Xtreme Shield (refer to pg. 14) to protect the floor, and give it that extra luminous appeal at a 1:1 ratio with water. NOTE: DON'T OVER APPLY!!
- IX. Distribute evenly with a microfiber wet pad/Floor Care Kit (refer to catalog).
- X. Burnish one last time with a 800 grit Roll-X pad (refer to catalog). Make sure that your heat temperature reaches 91.5°F.

*Similar results might be attempted but never duplicated!! In order for us to guarantee these results and for you to obtain a beautiful floor, these particular tools, machines, and steps must be used.

⁴Prices may vary according to the condition of the concrete, the square footage, and the location of the job. These are just approximations.

How long will my floor last?

Your new Xtreme Floor has a density, hardness, and appearance like no other floor of its kind. While many people try to copy our floor, it is never duplicated. With the proper care, your floor will last a lifetime. But like anything else, your Xtreme Floor will need a little attention from time to time to make sure it's holding up against the demands you place on it.

This section has guidelines for keeping your Xtreme Floor in perfect condition, from routine cleaning to stain removal.

In addition, many Xtreme applicators offer maintenance services including:

- Periodic inspection and testing
- Training maintenance staffs
- Maintaining gloss finish with Freshen Upz
- Remedial cleaning and stain removal

Although many polished concrete contractors don't provide maintenance, they can usually point you to a qualified provider, offer advice, and teach you how to maintain your new floor.

Your new Xtreme Floor meets all documented standards for dust proofing, water resistance, hardness, gloss and slip resistance. Who better to help you keep it that way than the one who installed it?



Maintaining your new Xtreme Floor

Every type of floor needs maintenance. Fortunately your Xtreme finished concrete floor needs less than most. There are three key ingredients to keeping your floor in tip top condition:

- Cleaning
- Freshen Upz / Re-Nuz
- Testing

Cleaning: It is important to sweep or dry mop daily to keep dirt and grime from building up. Clean up any spill immediately. Your Xtreme Floor is harder and denser than most floors, so it resists spills better than most. Floors protected with Xtreme Shield (refer to pg. 14) are even more resistant allowing a longer period of time to clean up. However, prompt cleaning is recommended.

Daily or weekly cleaning with Xtreme Clean (refer to pg. 14) keeps your Xtreme Floor in tip top condition. Products to use in the daily cleaning can be found on pages 14 - 16; otherwise, you can use a scrubbing machine with your Roll-X pads. Remember to use 4 oz. to each gallon of water; and where you have a lot of dirt, grease, and grime use 8 oz. to each gallon.

Freshen Upz: Is simply running a dry high speed burnisher over the Xtreme Shield (refer to pg. 14) protected floor. Whether it is weekly, or monthly, it is sure to pop that shine right back to new condition. Of course, mostly just high traffic areas will need to be freshened up when the gloss begins to fade.

Re-Nuz: Is simply reapplying a thin coat of Xtreme Shield and burnishing it in. Doing this two to three times a year will make sure the floor-gloss level stays high. You may reapply at all times without even having to strip off Xtreme Shield's old coat. Even when you must Re-Nuz to bring back the gloss, the protective qualities of Xtreme Shield are still in place.

Testing: When your Xtreme applicator installed your floor, it was tested to meet your expectations for hardness, slip resistance, water repellency, and other qualities. Your floor should continue to meet those standards for the lifetime of the floor as long as it is properly maintained.

Periodically test your floor, if test results meet or exceed the standards set when the floor was new, then kudos to you. You have done a great job!

If test results dip below the standard, adjust your maintenance program a bit with more Freshen Upz and Re-Nuz more frequently.

Help from your Xtreme Floor applicator

Many Xtreme applicators can assist you with your maintenance program, with maybe the exception of your daily dry mopping and sweeping.

Freshen Upz, Re-Nuz, testing and stain removal are just a few areas your Xtreme applicator will be able to handle for you.

Some can train your in-house staff on how to care for your Xtreme Floor.

Call your Xtreme Polishing System distributor for the nearest application professional in your area.

The toll free number is **888-203-6791**.



Maintenance Scheduling

Just like anything else, regular maintenance for your floors is a must if you want them to stay in good shape. Your Xtreme Floor requires proper cleaning, Freshen Upz, Re-Nuz, and testing to be done regularly. How regularly depends on the appearance you want and performance you demand.

If your high-gloss, polished, decoratively-covered Xtreme Floor gets thousands of visitors daily, you'll probably want to clean, Freshen Upz and Re-Nuz on a regular basis. It really depends on you.

Your Xtreme applicator can advise you on what you'll need to do to keep the appearance you want based on your floor's traffic and work load.

Regular testing provides more data as to how your floor's overall health is and how well your maintenance program is working. There are 3 types of floors; steel troweled (Green X), honed (XPS 400), and polished (XPS 800, XPS 3000). Below you will see a chart on how to maintain each floor based on whether you want a Premium floor or a XPS Signature maintained floor.

	Premium	Signature XPS
Steel Troweled (Green X)	Sweep or dust mop daily. Clean with Xtreme Clean as needed.	Clean daily with Xtreme Clean. Re-Nuz every 6 months.
Honed (XPS 400)	Sweep or dust mop daily. Clean weekly with Xtreme Clean.	Clean daily with Xtreme Clean. Re-Nuz every 6 months.
Polished (XPS 800, XPS 3000)	Sweep or dust mop daily. Clean daily with Xtreme Clean.	Clean daily with Xtreme Clean. Re-Nuz every 6 months.

Cleaning

Routine cleaning is vital for your Xtreme Floor to stay in tip top shape for its lifetime. Always clean with Xtreme Clean; it was made for Xtreme Floors. See your product data sheet on your Xtreme product label for easy to use directions.

Routine Cleaning

1. Clean up spills as quickly as possible. Less time on your floor means less chance of stains.
2. Pick up all large debris by hand.
3. Sweep or dust mop entire floor.

4. Auto-scrub entire floor.

- a. Dilute Xtreme Clean 4 oz. per gallon of clean water in a auto-scrubber with moderate pressure.
 - 1. Choose pad based on manufacturer recommendations. Use 800 grit Roll-X pad.
 - 2. Auto scrubbing with Xtreme Clean (which contains Colloidal Silica) helps the pads polish the floor.
 - 3. Dilute Xtreme Clean 8 oz. per gallon of clean water for heavy areas of dirt and grime.
- b. Use a mop for hard-to-reach areas. If you don't have an auto-scrubber, squeegee off water to dry and eliminate water marks.

* Never use vinegar, acidic or alkaline cleaners on Xtreme Floors.

Stain Type	Solution
Acidic food	Xtreme Clean/Degreaser diluted 1:10 with scrubbing removes most stains. Burnish surface to fresh gloss.
Adhesives	Remove tape with razor blade. Be careful not to scratch surface. Acetone will take off adhesive residue. Burnish to refresh gloss.
Alkaline stains	Xtreme Shield treated floors will need Shield reapplied and burnished to refresh gloss.
Blood	Cleaning while fresh prevents most stains. Xtreme Clean/Degreaser diluted 1:10 with scrubbing removes most set stains.
Brake Fluid	Xtreme Oil & Grease Remover. Deep-set stains may take more than one application.
Candy	Remove from the floor. Clean sticky residue with Xtreme Clean/Degreaser diluted 1:10.
Chocolate	Xtreme Clean/Degreaser diluted 1:10 with scrubbing gets rid of most stains. Burnish to refresh gloss.
Deicing salts	Xtreme Clean removes residues with burnishing to refresh gloss. If Shield has been damaged, reapply.
Grease & oil	Cleaning while still fresh prevents most stains. Xtreme Oil & Grease Stain Remover will pull out set-in stains.
Gum	Remove quickly for best results. Scrape what you can off the surface. Remove residue with Xtreme Clean.
Heel marks	Most shoe marks can be easily removed by rubbing with Xtreme Clean diluted at 4 oz. per gallon of fresh water.
Hydraulic fluid	Xtreme Oil & Grease Remover. Deep stains may require multiple applications.
Mustard	Xtreme Cleaner/Degreaser diluted 1:10 with scrubbing removes most stains. Burnish to refresh gloss if needed.
Soft drinks	Xtreme Cleaner/Degreaser diluted 1:10 with scrubbing removes most stains. Burnish to refresh gloss if needed.
Tire marks	Xtreme Cleaner/Degreaser with scrubbing takes off most tire marks.
Water spots	Burnishing gets rid of most water spots quickly. If needed, dilute Shield 1:1 with water and lightly mist the surface before burnishing to refresh gloss.

Freshen Upz & Re-Nuz

The gloss levels on Xtreme Floors are affected by many factors. They include traffic, spills, inadequate cleaning, and abrasives (like dirt, and sand) tracked in from outside.

Gloss is easily restored using the following procedures. High traffic areas may need burnishing more often to maintain gloss. Biannual burnishing applications of Xtreme Shield will go a long way toward maintaining the gloss and reflectance levels the floor had when new.

Because Xtreme Shield penetrates into the concrete pores even when the gloss may have diminished from traffic, it still protects the floor from water and stain penetration.

Freshen Upz

If the floor appears to be losing some gloss, clean with Xtreme Clean. Then dry-run a high speed burnisher over the area of reduced gloss. There will normally be enough of the Shield left on the floor that burnishing will Freshen Upz the concrete and pop the gloss back. (Remember always clean before burnishing whether you're burnishing wet with Shield or dry without Shield. If there is dirt on the floor, burnishing will grind it in.)



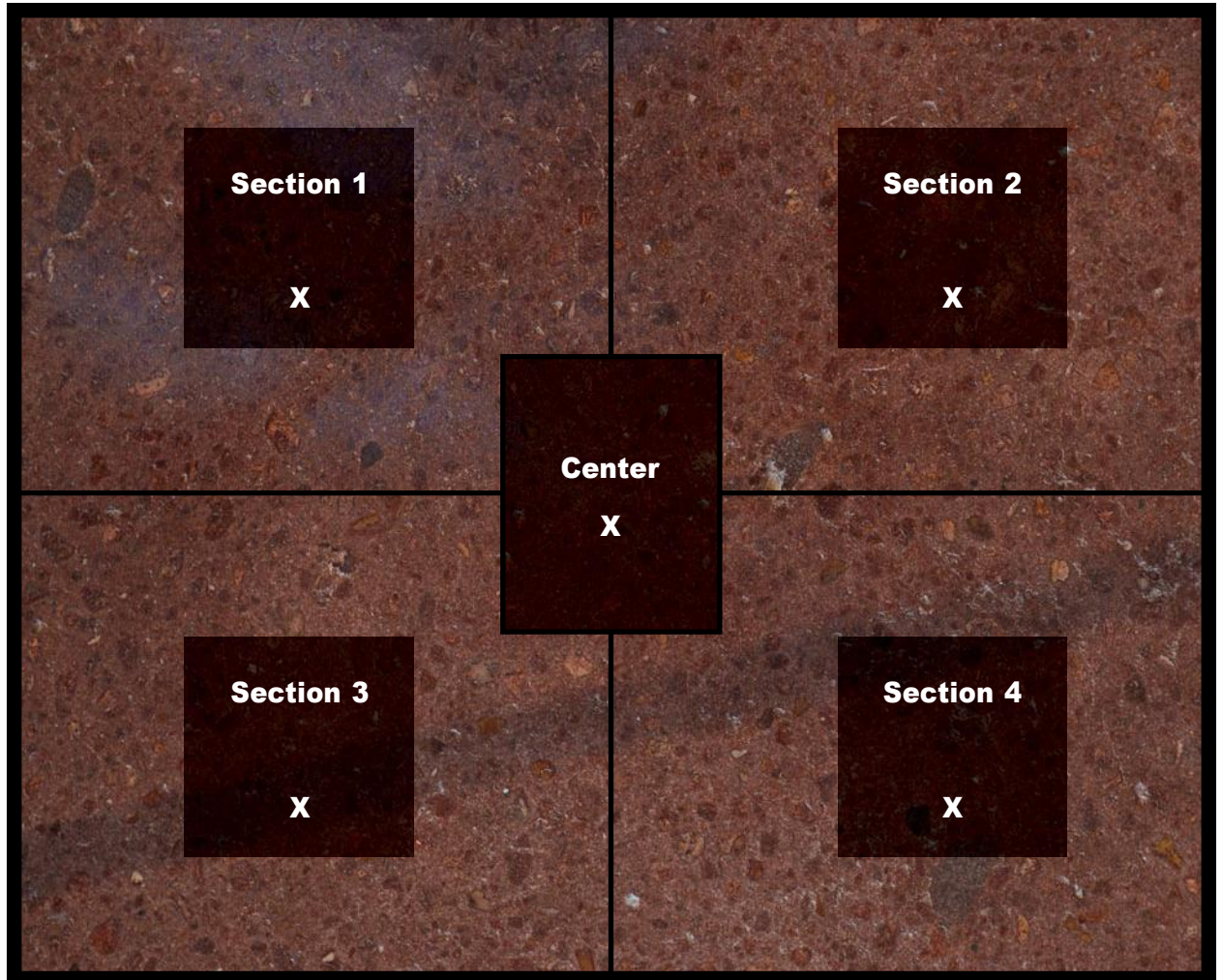
Re-Nuz

You can Re-Nuz your floor as needed. Normally it is recommended to Re-Nuz the floor twice a year.

When you need to do spot treatment of high traffic areas Re-Nuz them as needed. This procedure ensures maximum gloss, shine, and reflectance floor-wide.

Just like Freshen Upz, clean the floor first.

Dilute Xtreme Shield 1:1 with clean water. Spread the diluted treatment lightly on the floor with a microfiber mop (refer to catalog). Burnish with a high speed burnisher. You do not have to wait for the floor to dry.



Testing

Your new Xtreme Floor meets certain standards for appearance and performance. Those standards were set in the test-panel stage and confirmed upon completion of your floor. The standards met were for gloss, hardness, and slip and water resistance.

As long as you've followed the recommendations for the maintenance of your floor, your floor should continually meet the standards for appearance and performance.

The same tests done on your test panel will be done on your finished floor. Testing will see if your maintenance program is effective.

The standards of your Xtreme Floor

Inspections in your first year should be quarterly, then annually thereafter.

Gloss	Plus or minus 10% deviation from test panel
Hardness	Plus or minus 10% deviation from test panel
Slip resistance	>.060 (As recommended by ADA title 111 1992)
Rilem tube	< 1ml loss after twenty minutes

Log inspections - Recording your inspections and recommendations will help you fine tune your floor maintenance program to get the best results with the least amount of effort.

Test Area

The test area is standardized for all Xtreme Floors. The floor is simply divided into 4 sections; the auditor runs the tests in the center of each section and in the center of the floor.

This ensures comprehensive evaluation of your floor conditions.

Test Kit

Xtreme Floor professionals use a standardized performance test kit to check the performance and appearance of Xtreme Floors. The kit consists of precision tools needed to fully test the measurable performance of your Xtreme Floor. Each kit consists of a MOH Hardness Test Kit, a gloss meter, rilem tube, optical pyrometer, and a slip meter. Xtreme professionals are fully trained in the use of the performance test kit.

The Guarantee

Subject to certain conditions and limitations, the dust proofing warranty offers this guarantee:

CS Densifier warrants to the owner that the concrete surface on this project has been treated with the Xtreme Hard densifier below; and for 25 years from the date of treatment, the surface will remain concrete dust free. If the surface fails to perform, CS Densifier will supply one time sufficient Xtreme Hard densifier to retreat the identified area. If you have questions about your Xtreme Floor's performance contact your Xtreme applicator right away.

Dust Proofing Warranty

Your Xtreme high performance finished concrete floor will NOT generate dust if the products are applied correctly and the floor is maintained according to the owners' manual recommendations. If all applications and maintenance recommendations are followed, CS Densifier will warrant any Xtreme Floor of any size against dusting for up to 25 years.

Getting the dust proofing warranty

All Xtreme Floors are eligible for the dust proofing warranty. The applicator gets the warranty certificate from CS Densifier for you after completion of the project.

The Full Line of Xtreme Products

Keep your floor looking its best!

Xtreme Hard™ DENSIFIER



Xtreme Hard is a highly reactive Colloidal Silica-based densifying agent. The Colloidal Silica molecule has more reactive sites, so it goes to work quickly, within 1-2 minutes. Spray it on the concrete until the surface is saturated, then agitate with a broom. Wait until dry.

Xtreme Hard is a green, clean and safe material. Its low pH formula (pH approx 8.7, only slightly higher than baking soda) is safer for you to handle. Xtreme Hard emits no Volatile Organic Compounds (VOCs) and eliminates the hazardous-material disposal, so it's better for the job site and friendlier to the planet. Xtreme Hard is shipped as a concentrate. One gallon of concentrate makes five gallons of ready-to-use product. Xtreme Hard is the lowest cost densifier per square foot.

Coverage: 400-600 square feet per gallon⁵.

Xtreme Shield™ PROTECTOR



Xtreme Shield is a finishing conditioner applied after polishing. It introduces additional Colloidal Silica to the slab, along with a thin, clear polymer layer that gives extra protection to the slab surface. It brings out the color in integrally pigmented, stained or dyed concrete, giving a slight “wet look” that works excellently with exposed aggregate.

The polymer provides extra protection against accidental staining from spills. It is particularly useful against mild acids, such as might be encountered in environments where food is handled or served.

Provides enhanced water repellency, stain resistance and gloss development.

Coverage: 1500-2000 square feet per gallon⁵. Apply as thinly as possible.

Xtreme Clean™ CLEANER



Xtreme Clean is a unique cleaning product that combines cleansing action with Colloidal Silica. It adds extra protection to the concrete surface while it cleans. It is recommended as part of regular floor maintenance for maximum value. Be sure to offer it to your customers to optimize the appearance of their gorgeous polished floors.

Coverage: 1000 square feet per gallon⁵. Dilute 4 oz. for each gallon of water.

⁵Coverage varies according to the condition of the concrete and method of application.



***Make New Concrete Floors Shine...
...And Old Concrete Floors Look Like New !***

***X*TREME™
*P*OLISHING SYSTEMS**

888-203-6791

www.XtremeHardDensifier.com

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