

Get the look you want.



Get the value you need.



One floor. One system. One time.

FGS
PermaShine
The new face of polished concrete

Polished concrete. Easy. Affordable.

Exclusively from L&M Construction Chemicals

ONE FLOOR. ONE SYSTEM. ONE TIME.



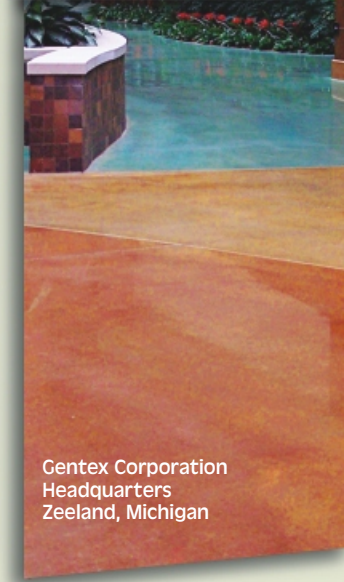
Fitness Center
Alberta, Canada



Bentonville School Dist. Admin
Bentonville, Arkansas



Dobles Hummer
Manchester, New Hampshire



Gentex Corporation
Headquarters
Zeeland, Michigan

One floor tells your facility's story. Make it the best.

You're ready to refinish your old concrete floor or to design a new one. You're looking for the best solution. You've found it with FGS/PermaShine® polished concrete. Polished concrete gives you the look you want, at a price that makes sense. With the FGS/PermaShine system, your polished concrete floor

- Provides a clean, easy to maintain rejuvenation of your existing facility floor
- Invites your customers to explore every aisle of your store as it complements and showcases the beauty of your product.
- Counters the rising costs of slip and fall litigation with an economical, attractive non-slip floor finish for your workers and customers.

Now, you can get the WOW of shine and color, the long-term cost advantages of increased durability and low maintenance, and the safety of slip resistance in one floor system: You'll get all of these with FGS/PermaShine.



One system optimizes the value and beauty of your concrete floor:

FGS/PermaShine®.

FGS/PermaShine starts with our factory-trained and approved installers. You'll see value added to your concrete floor as they execute our patented process of dry grinding and polishing that brings you very limited work area downtime and a safe, dust-free atmosphere in your facility during the process.



Choose the shine. Choose the color.

Whether you choose to enhance classic gray or add color with L&M Vivid Concrete Dye, your newly rejuvenated floor will reflect your choice of quality. The process then continues on all floors, colored or not, with a complete treatment of FGS HARDENER PLUS, our proprietary sealer/hardener/densifier. This treatment gives your floor a superior, long lasting, very hard, and easy-to-maintain finish that truly makes the whole process a worthwhile and smart long-term investment.

Our floor experts will help you address problem joints and cracks in your floor with L&M's JOINT TITE. Finally, regular and frequent maintenance of your floor with our FGS CONCRETE CONDITIONER is a low-cost way to continually enhance its beautiful sheen.

ONE FLOOR. ONE SYSTEM. ONE TIME.

FGS/PermaShine® Floors: High-Traction. Safe.



Certified: High Traction

FGS/PermaShine was the first concrete polishing system approved by the National Floor Safety Institute (NFSI), and has been certified as a "High Traction" floor. When used as a part of a comprehensive floor safety program to reduce slips and falls, significant slip-and-fall litigation expense could be saved with FGS. Treated floors comply with ADA and OSHA requirements.

FGS/PermaShine®: One time gives your floor long-lasting, low-cost beauty.

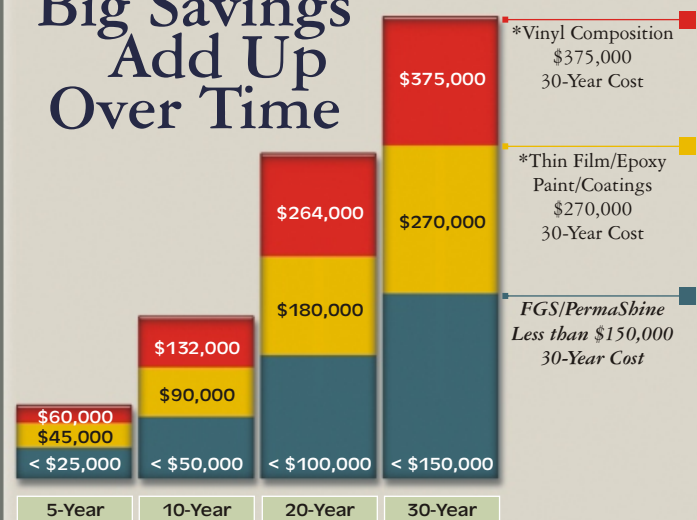
You can pay—and keep paying—for a floor finish that requires frequent repairs, reinstallations and costly upkeep. Or you can invest one time in the beauty, quality and long-term savings of an FGS/PermaShine floor. *The initial cost of an FGS/PermaShine floor compares favorably to VCT, epoxy coatings, and terrazzo. But that's just where the savings begin to shine with FGS.*

To keep vinyl floors looking sharp you'll frequently put wax down, strip it off, and put it down again, all at a considerable cost of \$1.20-\$1.50 per square foot each year. Over ten years, you could easily have upkeep expenses of up to \$150,000 per 10,000 square feet!

Epoxy or urethane coatings are beautiful, at first, but lose their beauty all too quickly. And between the fumes and the mess, re-applications can drive the cost of a coating to between \$20,000-\$80,000 for 10,000 square feet during a ten-year period. That's before you figure in everyday maintenance expenses.

On the other hand, when an FGS/PermaShine concrete floor is your finished surface, there's nothing to add, nothing to take away, nothing to replace. Over time, you see the clear advantages of one floor, one system, and one time.

Big Savings Add Up Over Time



Estimated Average Maintenance and Re-Installation Costs for Floor Treatments Per 10,000 Square Feet for comparison purposes.

* Figures taken from American Terrazzo Association and Concrete Construction Magazine. (Does not include initial installation costs. Includes re-installations at 10-year intervals for vinyl composition tile and 5-year intervals for thin film coatings. No reinstall for FGS PermaShine. FGS periodically maintained and refreshed for \$0.50/square foot or lower, annually. Average reinstallation times and maintenance costs relate significantly to the amount of abuse the floor is exposed to, the quality of the maintenance program, and owner preference.



Make a sound choice for the environment: FGS/PermaShine®

Your choice of FGS/PermaShine polished concrete also puts you on the leading edge of environmental stewardship. In fact, with FGS/PermaShine your facility becomes more environmentally friendly in a number of ways:

- The FGS rejuvenation process eliminates the impact (and costs) of demolition, removal and disposal of existing floors.
- The patented FGS/PermaShine dry grind process completely eliminates safety, disposal and contamination concerns that may come with wet grind slurry.
- The materials used in the FGS system are VOC-compliant. There are no solvents, nor continued "gas off" that is common with carpet and tile.
- The remarkable durability of FGS/PermaShine system delivers superb maintenance results with water and FGS Conditioner—at a great savings compared with other floor types.
- The inherent reflective and thermal mass properties in polished concrete floors can substantially reduce energy costs for heating and lighting.

Go ahead. Go green. Make FGS/PermaShine a part of your environmental stewardship strategy, and enjoy the added benefits of long-term savings and a great looking floor!

Compare for yourself:

An FGS/PermaShine® floor holds up longer and stays brighter than vinyl composition tile or thin film coatings.

Your FGS floor will look fresh at the end of a hard day. With FGS there is no problem with peeling, chipping, tire marking or flaking. And compared to carpet, waxes, tile, paint, and epoxy coatings, it is the low cost solution to ongoing floor maintenance.

Give your floor the exceptional appearance you want, the superior durability and safety you need, and the reduced maintenance cost benefits you will see drop to your bottom line with the FGS/PermaShine Floor System.

Picture-perfect polished concrete: the photo essay

FGS/PermaShine® gives 109-year-old floor a new lease on life



Remove and Repair

Level, patch and repair as needed

A new owner purchased what had been a late 19th-century cold storage unit. The floor covered 185,000 square feet. FGS/PermaShine professional contractor Scott Foate of Floorcare USA said, "Judging from this project, back in the late 1800's there must not have been too many engineering standards applied to concrete. We had to spend a lot of time and effort repairing the floor to get it to what we call 'ground zero' before we could get started."

In this case, Floorcare USA had to pull train car trackbeds, deal with the floor being as much as seven or eight inches off level from end-to-end, safely remove about 80,000 square feet of asbestos floor tile, remove and repair large cavities caused by embedded wood chips and blocks, and level the waves and low and high points in the concrete.

"We used L&M patch and repair products by the pallet-load," Foate commented. "They were user friendly and we got excellent results!"



Patented Dry Polishing Process

Grind to your desired finish

After the patch and repair work, the FGS "grind" began. Foate continued, "The aggregate used in the original concrete was coarse granite chips. Consequently the floor, after 109 years, was very hard and took more time and more diamonds to grind."

But the results were beginning to show already.

Harden and densify your polished concrete to last

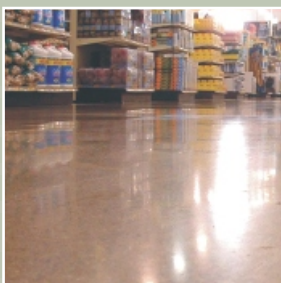
Floorcare USA, following the simple steps of the FGS/PermaShine Polished Concrete application system, then applied L&M's exclusive FGS Hardener. FGS Hardener is a miracle of concrete chemistry that actually makes concrete more dense and harder where it counts: on the near-surface wear zone. The end result is a floor that is unusually resistant to chipping, flaking, and marring while its shine is being enhanced. There's no dangerous solvent or odor to deal with, either.



Harden and Densify your polished concrete with FGS Hardener Plus

See the results for years to come

Seeing is believing in this case! Scott Foate reported, "After the FGS process, the floor came alive, reflecting light with a look and attitude that greatly pleased the owner! We have had other building owners come to this site to see the final results for themselves. After they put their eyes back into their eye-sockets, we get a lot of enthusiastic owners who want the beauty, safety and low maintenance of an FGS/PermaShine floor."



Enjoy the Long-lasting benefits that only FGS/PermaShine offers

*If the FGS/PermaShine Polished Concrete System worked on this floor, just imagine what it can do for your floor!
Call L&M today!*

Discover what makes FGS/PermaShine® polished concrete so popular with our customers



Showcase Your Merchandise

"I've dealt with tile, epoxy, carpet and wood. I got tired of the maintenance! Nothing to me looks as nice and is as low maintenance as our FGS floor. The FGS polished concrete looks great to the customer, and compliments our type of merchandise well. I would recommend this process to anyone!"

— Rick Blasius, General Manager,
Greenhouse Mall Furniture
San Antonio, TX



Bring Your Floor Alive

"We provide concrete floor construction and consulting services worldwide for slabs on ground and elevated slabs. In our office area, we decided to let the natural, non-dyed color of the concrete come alive with the polishing and hardening process of the FGS/PermaShine system. The FGS floor is all that they say it is: low maintenance, easy to clean and always looks great!"

— Rick Smith,
Structural Services, Inc.
Richardson, TX



Get the Retail Maintenance Edge with FGS/PermaShine

"The floor in this building has been around here long before Dick's came in. It was repaired and re-surfaced using the FGS grinding and polishing system. I have been associated with epoxy sealers, carpet and tile in the retailing business and I think this floor is about the easiest to maintain I've ever seen. The floor looks good and it's super easy to keep clean!"

— Greg O'Brien, Store Manager
Dick's Sporting Goods
Orland Park, IL

*For more information on the exclusive
FGS/PermaShine concrete floor rejuvenation and
polishing system, contact L&M Construction Chemicals
at 800-362-3331
or visit our Web site at www.fgs-permashine.com.*

One floor. One system. One time.



FGS/PermaShine® delivers:

- Stunning visual and functional rejuvenation of existing concrete floors
- Custom-tailored finish and practical protection for new concrete floors
- Dramatic long-term maintenance cost reduction
- Minimizes facility downtime
- Factory-trained contractors ready to provide comprehensive solutions to your floor needs
- Does not trap floor moisture like coatings, tile, carpet, and other floor coverings
- Non-dusting guarantee
- Safe, non-slip, certified “High Traction”
- Extended floor life and long-term appearance
- Increases reflectivity of the floor and reduces lighting costs
- Green, Green, Green process and products. Qualified to be used on LEED projects, all the way up to Platinum
- Environmentally friendly, no solvents

Where you'll find

FGS/PermaShine® floors:

- Retail establishments
- Restaurants
- Manufacturing
- Office & Commercial
- Schools
- Museums
- Sports facilities
- Vehicle maintenance

- Distribution centers

- Vehicle showrooms

- Aircraft hangars

- Warehouses

- Industrial

- Freight terminals

- Condominiums

- Grocery

- Health-care

- Pharmaceutical

- Printing plants

- Malls, Shopping

- Zoos and recreation

- Municipal facilities

- Water treatment

- Power plants

- *Wherever savvy floor owners expect the best*

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The new face of polished concrete

Exclusively from L&M Construction Chemicals, Inc.

USA 800-362-3331 • Worldwide 402-453-6600

www.fgs-permashine.com