

YOUR GLOBAL SOURCE FOR ENGINEERED BRUSHES SINCE 1945



COATING REMOVAL

CONCRETE PREP

POLISHING SYSTEM

[WWW.MALISH.COM](http://WWW.MALISH.COM)

# Diamabrush™ By Malish Floor Restoration System

The Diamabrush™ By Malish Floor Restoration System is like no other floor preparation and resurfacing platform on the market today. Designed to be mounted on a standard floor machine or auto-scrubber, Diamabrush™ By Malish products offer a fast, effective and chemical-free solution. The complete floor restoration system features the Concrete Floor Prep and Polishing System along with Mastic Removal, Sand and Recoat, Hardwood Prep and Aggressive Cleaning.

## TOOL APPLICATION CHART



| Tool                            | COATINGS REMOVAL TOOL                                    | CONCRETE PREP TOOL -25 GRIT-         | CONCRETE PREP TOOL -100 GRIT-               | CONCRETE PREP PLUS TOOL -25 GRIT-  | CONCRETE PREP PLUS TOOL -100 GRIT-          | POLY 50   | POLY 100                                | POLY 200   | POLY 400                            | POLY 1000   | POLY 2000   | WOOD TOOL -50 GRIT-   | REMOVAL HAND TOOL -25 GRIT-                               |
|---------------------------------|--|--------------------------------------|---|--|---|---|---|--|-------------------------------------|---|---|---|---|
| APPLICATIONS                    | Removes mastic, carpet glues, paints, epoxy and thin-set |                                      |   | Removes paints and thin coats of epoxy-Preps floor for epoxy, glues, paints (6-8 passes) |   |   |   |  |                                     |   |   | Removes carpet glues, mastic and urethanes from hardwood floors | Removes mastic, carpet glues, paints, epoxy, and thin-set |
| PREP                            |  | Preps floor for epoxy, glues, paints |   | Preps floor for epoxy, glues, paints   |   |   |   |  |                                     |   |   |   |   |
| POLISHING (CONCRETE & TERRAZZO) |  |                                      | Preps floor for Diamabrush Polishing System |  | Preps floor for Diamabrush Polishing System | Step One of polishing (6-8 passes) Suggested starting grit if floor is 5+ years old | Step Two of polishing (6-8 passes)      | Step Three of polishing (6-8 passes) Suggested starting grit if floor is 3-4 years old | Step Four of polishing (6-8 passes) | Step Five of polishing (6-8 passes) Suggested starting grit if floor is 1-2 years old | Step Six of polishing (6-8 passes) Use as maintenance brush |   |   |
| SAND & RECOAT                   |  |                                      |   |  |   | Preps existing epoxy floor for a recoat   | Preps existing epoxy floor for a recoat |  |                                     |   |   |   |   |
| AGGRESSIVE CLEANING             |  |                                      |   |  |   | Removes heavy build-up  | Removes medium build-up                 | Removes medium build-up  |                                     |   |   |   |   |



Scan to watch time lapse video of Diamabrush™ System in action

# PREPARING CONCRETE FLOORS

Before restoration and polishing begins, the concrete floor must be properly prepped. The Diamabrush™ By Malish system includes two different prep tools—our Concrete Prep and our Concrete Prep PLUS™ Tool.

## CONCRETE PREP

Used for abrading the surface, The Diamabrush™ Concrete Prep Tool mechanically etches and prepares bare concrete floors to receive a coating, creating superior coating adhesion. This tool consists of a super tough 25 or 100 diamond grit that is bonded to a metallic backing and assembled to flexible, steel spring blades. The operator can prepare and profile old, worn, dirty floors using standard cleaning equipment such as automatic scrubbers or single disc floor machines.

## CONCRETE PREP PLUS™

The Diamabrush™ by Malish concrete prep system has been extended to now include the Concrete Prep Plus™. This new heavy-duty prep tool is ideally suited to prep floors for an application of paints, epoxies, or stains. The Concrete Prep Plus™ will also remove a thin layer of paint or epoxy.

### KEY BENEFITS

- Achieves a profile for coating systems up to 30 mils thick
- Can be run wet for a dust-free operation
- Chemical-free surface preparation platform
- Patented design ensures new diamond particles are constantly being exposed resulting in a consistent profile throughout the life of the blades
- Designed to fit a wide variety of rotary floor machines
- Features replaceable blades



25  
Diamond  
Grit



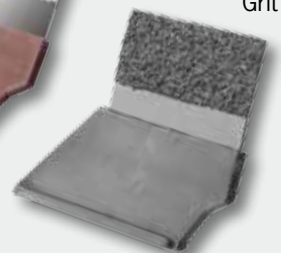
100  
Diamond  
Grit



100  
Diamond  
Grit



25  
Diamond  
Grit



Scan to watch Concrete  
Prep video demo

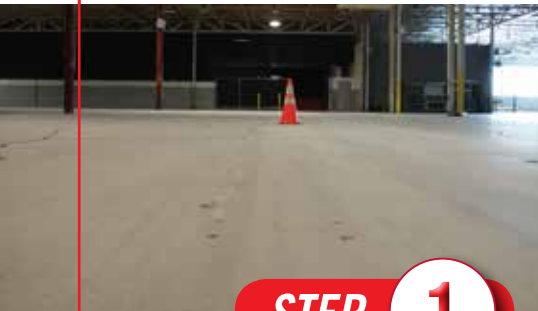


Scan to watch Concrete  
Prep Plus™ video demo



# CONCRETE POLISHING SYSTEM

Scan to watch Concrete Polishing video demo



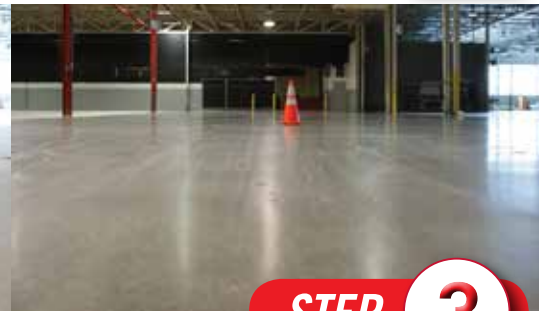
STEP 1

50 Grit Brown



STEP 2

100 Grit Black



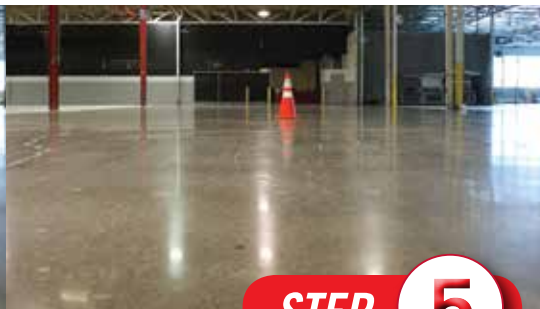
STEP 3

200 Grit Blue



STEP 4

400 Grit Green



STEP 5

1000 Grit Red



STEP 6

2000 Grit Tan

## SIX POLYMER TOOLS

Use the coarse 50 grit Brown polymer and proceed as you would with your regular floor cleaning routine. After a few passes using the 50 grit, the system progresses to the next grit.

The Diamabrush™ By Malish Concrete and Terrazzo Floor Polishing System depends on the use of increasingly fine grit polymer inserts. Each Concrete Polishing Tool includes flexible blades that allow the diamonds to remain in constant contact with the floor.

The polymer blades are designed around removable, slotted retainers. Instead of having to replace the entire tool due to wear and tear, simply order a blade replacement kit. All polymer blades are easily removed and easily replaced, which enhances the life of the tool.

# TERRAZZO POLISHING SYSTEM

## TERRAZZO RESTORATION TOOLS

The Diamabrush™ by Malish Terrazzo Restoration Tools are designed to restore and beautify old, worn, and discolored terrazzo floors. The patented diamond blades remain free of sticky residue and sealers retaining their sharp cutting points throughout the life of the blades. Terrazzo can be restored to a high gloss finish and can be maintained indefinitely by cleaning regularly with Diamabrush™ polishing tools and water. End-users will save time and money without the use of expensive cleaners and harmful chemicals.

### KEY BENEFITS

- Simultaneously clean and restore your floor to a “like-new” finish
- Tools are used wet to eliminate dust
- Removes discolored waxes, residue and sealers
- Features money-saving replaceable blades
- Designed to fit a wide variety of rotary floor machines

The Diamabrush™ by Malish Floor Polishing System is ideal for Terrazzo floors commonly found in schools and other institutional buildings.



After

Before



Scan to watch Terrazzo video demo

### Cleaner - Conditioner - Hardener



Specially designed Cleaner - Conditioner - Hardener for concrete floors, terrazzo and other stone surfaces. Available in 1-gallon, 5-gallon and 55-gallon containers.

### Lithium Densifier



A blend of lithium and other soluble silicates which react with calcium hydroxide to reduce porosity and permeability of the concrete matrix. Available in 5-gallon pails.



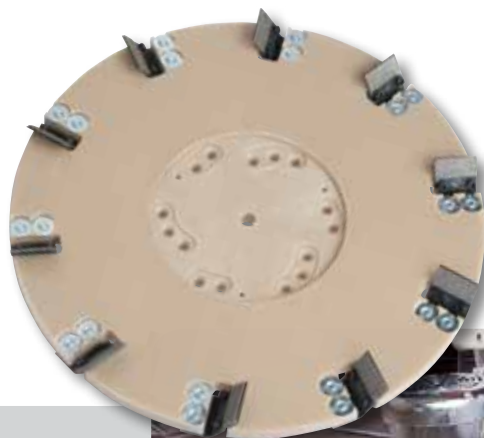
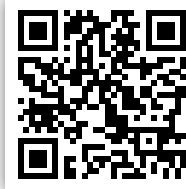
# COATING REMOVAL

*The Safe Way to Remove Mastic, Glue, Adhesive and Coatings*

## REMOVAL TOOL

The Diamabrush™ by Malish Coating Removal Tool is the fastest, most effective tool for the removal of mastic, glues, adhesives, thin-set, and thin mil epoxies from concrete floors. Its patented design prevents the abrasive blades from loading up or clogging like other abrasive products, resulting in fast, consistent removal throughout the life of the blades.

Scan to watch Coating Removal video demo



### KEY BENEFITS

- 10 times faster than manually scraping
- Limited surface contact during use
- Rigid, exposed diamond cutting surface creates a level floor with normal use
- No need for heavy, expensive and hard-to-use grinding equipment that often requires 480 3-phase power
- Designed to fit a wide variety rotary floor machines
- Features replaceable diamond blades

## REMOVAL HAND TOOLS

The Diamabrush™ By Malish Hand Tools remove mastics, adhesives, thin-sets, paints, glues, epoxies, and other coatings. The patented design attaches to standard electric hand grinders and enables users to remove coatings fast and effectively without clogging, resulting in a perfectly profiled surface in a fraction of the time of comparable abrasive tools.

### KEY BENEFITS

- Ideal for areas close to walls and corners where a rider or swing machine can't reach
- Requires no harsh chemicals
- Features replaceable blades
- Available in 4.5" and 7" sizes



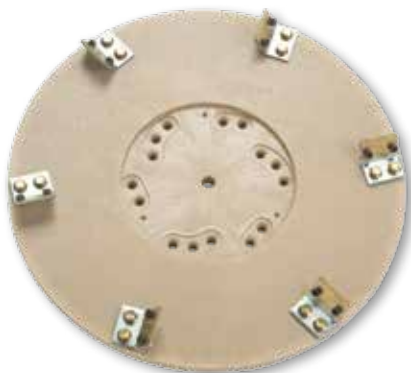
Scan to watch Hand Tool video demo



## HARDWOOD PREP TOOL

The Diamabrush™ by Malish Hardwood Prep Tool is the first step in the wood refinishing process. The tool is designed to remove polyurethanes, aluminum-oxide, carpet adhesives and other hard to remove coatings from hardwood floors. The diamond cutting surface remains free of melted or gummed up coatings and maintains its sharp cutting points throughout the life of the blades.

- Ideal for the toughest removal jobs on hardwood floors
- Will not gouge wood or leave heavy scratches on floor surfaces
- Designed to fit a wide variety of rotary floor machines
- Removes polyurethanes, varnishes and even hard to remove coatings such as carpet or tile glue residue
- Low-profile design enables the tool to travel seamlessly over heat registers carved out in the floor



Scan to watch Hardwood Prep Tool video demo



## AGGRESSIVE CLEANING TOOLS

The polymer tools in the Diamabrush™ by Malish System can also be used for aggressive cleaning. Choose either 50 grit, 100 grit, or 200 grit polymer tools to clean a dirty or marred surface. For the dirtiest, grimmest concrete, choose the 50 grit Brown. For moderately dirty floors, the 100 grit Black or 200 grit Blue will be appropriate. Using the same Concrete Polymer Tool as an aggressive cleaning tool maximizes your investment, making the system even more cost-effective.

- Remove built-up grease and grime without the use of harmful chemicals
- Deep clean your industrial/commercial concrete floors
- Easily maintain your floors without the hassle of changing your equipment or your daily routine



Scan to watch Aggressive Cleaning Tool video demo



## SAND AND RECOAT TOOL

The Diamabrush™ by Malish Sand and Recoat Tool provides end-users with a simple, dust-free solution for profiling old, worn, scratched epoxy floors. Our 100 grit Sand and Recoat Tool offers the operator the ability to recoat epoxy or urethane floors with ease using standard cleaning equipment.

This tool cleans and creates a perfect profile for superior coating adhesion, removing deep scratches and embedded dirt using your cleaning machine in one simple step—saving you time and money.

- Prepares and cleans surfaces in one simple step
- Use with water to eliminate dust
- Results in perfect profile for superior coating adhesion
- Features replaceable blades
- Lasts up to 100,000 sq. ft.
- Designed to fit a wide variety of rotary floor machines



Scan to watch Sand and Recoat Tool video demo

**Corporate Headquarters**  
7333 Corporate Blvd.  
Mentor, OH 44060 USA



The Malish Corporation is a recognized leader in the design and manufacture of quality rotary, janitorial, and specialty products that are marketed throughout the world.

Our mission is to strive for continuous improvement in innovative quality and service, not only in our present products, but also through our efforts to diversify as we strive to better meet customers' individual needs and become our customers' #1 global supplier.

**Dong Guan Malish Cleaning  
Equipment Co., Ltd.**  
Dong Guan City, Guang Dong



**European Sales and  
Distribution Center**  
Środa Śląska, Poland



### ***Become Certified to Sell Diamabrush™ by Malish!***

*Malish regularly conducts both classroom and hands-on training for distributors at its corporate headquarters in Mentor, Ohio. Space is limited.*

*For more information visit:  
[DiamabrushByMalish.com/training-and-certification.html](http://DiamabrushByMalish.com/training-and-certification.html)  
or contact your Diamabrush™ by Malish representative.*



### **THE MALISH CORPORATION**

7333 Corporate Blvd. Mentor, OH 44060  
Phone: (+1) 440.951.5356 ■ 800.321.7044  
Fax: 440.951.0293  
[info@malish.com](mailto:info@malish.com)  
[www.malish.com](http://www.malish.com)