



## **Cleaning & Maintenance Instructions** *for polymer floor coating systems*

Your new Brilliant Epoxy floor surface is designed to be extremely durable, abrasion resistant, and attractive. A degree of preventative maintenance is required to protect your investment in this floor surface. A sound program that includes proper use, routine cleaning and conscientious personnel awareness will result in extended service life of your new floor.

# Cleaning & Maintenance Instructions

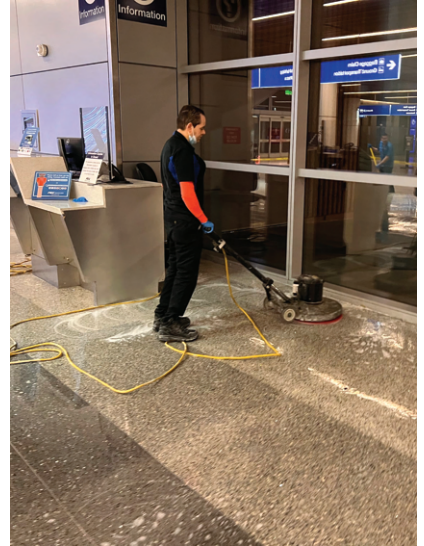


## ***Why Is It Important to Clean and Maintain My Floor?***

The most obvious answer is that your floor will look and perform its best if it is regularly cleaned and properly maintained. A polymer floor is a significant investment that promotes a safe working environment and increases employee morale.

## ***Can Not Cleaning or Maintaining My Floor Cause Safety Issues?***

Even if your floor is textured for safety, not properly cleaning can cause dirt and debris to build-up rendering the texture less effective. Additionally, untreated cracks or gouges can present trip and fall hazards, potentially affecting your employee health and your bottom line.



## ***Can Service Life Be Affected By Poor Maintenance and Cleaning?***

Excess debris on floor surface can be very abrasive as personnel walk and material handling/wheeled traffic move and travel across the surface. Routine cleaning and maintenance will minimize the abrasive effect, extending the gloss and integrity of any floor surface.

## ***What Cleaning Equipment Should I Use?***

Cleaning Task	Small Areas	Large Areas
Sweeping of Debris	Broom or Dry Mop	Broom, Floor Sweeper
Application of Cleaners	Non-Abrading Polypropylene Bristle Brush, Foamer, Sprayer	Auto Floor Scrubber, Foamer, Sprayer
Scrubbing	Non-Abrading Polypropylene Bristle Brush, Rotary Floor Machine	Auto Floor Scrubber, Rotary Floor Machine
Detergent Removal	Wet Vacuum, Squeegee	Auto Floor Scrubber
Rinse Water Removal	Wet Vacuum, Squeegee	Auto Floor Scrubber

## ***How Long Should I Wait For My New Floor to Reach It's Full Performance Properties?***

Polymer floor coatings require 7-14 days to develop a maximum degree of cure. Chemical, stain, and abrasion resistance will continue to increase during this time. Care should be taken not to expose the floor to extreme chemical or physical abuse during the first few weeks of service.



## ***How Often Should I Clean My Floor?***

Dirt and debris are very abrasive when left on the floor surface. Constant traffic in combination with the dirt and debris can act like sandpaper dulling, scratching, and gouging the floor-coating surface. Brilliant Epoxy Floors recommends bi-monthly cleaning with cleaning detergent and warm to hot water. Clear, hot rinse water in place of a detergent solution should be used 20% of the time (every third week) to prevent soap build up and haze.

## ***What Type of Floor Cleaner Should I Use?***

A neutral cleaner, preferably citrus based is recommended. The initial soap concentration should not exceed 1 part soap to 50 parts water. The use of spray bottles with concentrated detergent will allow aggressive spot cleaning without film build up.

### **Suggested Cleaners:**

- Windex
- Spray Fantastic
- Spray 409
- Simple Green
- Any type of tile cleaner

### **DO NOT USE:**

- Comet Cleanser
- Any type of cleaner with pumice or abrasive cleaners
- Murphy's oil soap
- Sanding disk
- Floor scrubber with aggressive pads

## ***How Can I Minimize Build-Up of Dirt and Debris Effectively?***

The following cleaning routine is required to minimize the effects of dirt and debris:

<b>Sweep</b>	Sweep with or dust mop daily to remove abrasive debris.
<b>Scrub</b>	Scrub with detergent on a bi-monthly basis. Utilize the minimum scrub head down pressure and non-abrading polypropylene bristle brushes. Regular cleaning and/or wash down with clear warm water will help prevent Detergent build-up and improve gloss retention.
<b>Clean</b>	Clean all liquid and chemical spills immediately.
<b>Repair</b>	Repaired scratches, gouges, or chips in the surface as soon as possible using materials provided by Brilliant Epoxy Floors.
<b>Prevention</b>	Avoid spinning or hard pivoting of motorized tires on surface. Avoid extending exposure to standing, strong Chemicals such as window washer fluid, ethyl acetate and acetone. Use mats or tiles beneath heavy objects and vehicles for the first few weeks to protect the fresh surface from indentation or tire staining.



# General Floor Cleaning Methods



## ***Stain Prevention and Removal***

- Stains can be prevented by cleaning spills immediately.
- Most stains can be minimized or removed without further damage to your floor.
  - Use mild solution, progressing to stronger removers until the stain disappears.
  - Wear rubber gloves and eye protection when working with cleaning chemicals.

## ***Rubber Marks and Burns***

- **Rubber marks** are deposits of rubber on or near the surface of your Brilliant Epoxy Floors coating system.
  - In most cases, these can be removed by scrubbing with a strong concentration of a solvent-based detergent and water.
- **Rubber burns**, caused by heat and friction from spinning tires will show on the surface of the floor coating.
  - In most cases, these cannot be removed.
  - Keep floors clean to keep tires from slipping and spinning on your floor.
- **Tire stains (plasticizer marks)** are caused by tires resting stationary on the floor for an extended period of time.
  - These types of markings are impossible to remove.
  - Place a barrier between the tires and coating to prevent this.
  - Re-coating of the area is the only way to eliminate these.

## ***Scratches and Gouges***

- Scratches and gouges shorten the life of floors when moisture seeps into cracks, resulting in peeling of the coating.
- Avoid sliding heavy machinery, pallets, or sharp objects across the floor.
- **Call Brilliant Epoxy Floors to discuss repair options if your floor surface is scratched or gouged.**



**Always contact Brilliant Epoxy Floors if you are unsure of a cleaning or maintenance procedure.  
We can be reached at 480-203-2444.**