

MAINTENANCE RECOMMENDATIONS

General Cleaning and Maintenance

Floors usually take the most abuse of any building surface. Floor maintenance is dependent upon the flooring system itself, the traffic condition, and the type of dirt and debris to which it is exposed. Sherwin-Williams resinous floors are easily maintained because of their physically and chemically tough finishes.

In recognition of the need for regular floor maintenance, the following recommendations will help keep your Sherwin-Williams resinous floors looking like new. The recommended cleaning products and maintenance programs are based on the type of floor you have.

RECOMMENDED CLEANING CHEMICALS

	AREA DESCRIPTION	RECOMMENDED CLEANER
FOOT TRAFFIC	Public areas, health care, dining room/cafeteria, lab, institutional, retail, foot traffic area	Neutral slip-resistant floor cleaner
LIGHT TO MODERATE SERVICE AREAS	Animal care, automotive service center, commercial kitchen/food prep area, patio	Cleaner/degreaser
MODERATE TO HEAVY SERVICE AREAS	Bottling plant, factory floor, loading dock, manufacturing/industrial, vehicular traffic area, stadium	Heavy-duty cleaner/degreaser
ESD/CONDUCTIVE FLOORS	Cleanroom, computer room, electronics production and assembly, quality control lab, surgery	Neutral floor cleaner
FOOD AND BEVERAGE PLANTS	Dairy plant, meat and poultry plant, food processing plant, brewery, winery and beverage plants	Cleaner/degreaser

CLEANING PROCESS

The best method to clean Sherwin-Williams flooring is a six-step process using the recommended cleaning product. The process varies between small and large floors, and between smooth and textured floors.

THE SIX STEPS ARE:

- **Sweeping:** Always sweep the floor thoroughly before cleaning.
- **Application:** The means to put the cleaning product on the floor surface.
- **Agitation:** Movement of the cleaning product, with a piece of equipment, on the floor surface to aid in the release of foreign material.
- **Dwell Time:** Let the cleaning product stand on the surface to allow time for emulsifying foreign material.
- **Removal:** Remove the cleaning product from the surface of the floor.
- **Rinse:** Rinse the floor with clean water and remove.

	SMOOTH FLOORING SURFACES		TEXTURED FLOORING SURFACES	
	SMALL AREA	LARGE AREA	SMALL AREA	LARGE AREA
SWEEPING	Broom or dust mop	Floor sweeper	Broom	Floor sweeper
APPLICATION	Synthetic mop or deck brush	Automatic floor scrubber	Deck brush or foamer/sprayer	Automatic floor scrubber or foamer/sprayer
AGITATION	Mop or deck brush	Automatic floor scrubber	Deck brush or rotary floor machine	Automatic floor scrubber or rotary floor machine
DWELL TIME	5-10 minutes	5-10 minutes	5-10 minutes	5-10 minutes
REMOVAL	Mop or wet vac	Automatic floor scrubber	Squeegee or wet vac	Automatic floor scrubber
RINSE	Wet vac or squeegee	Automatic floor scrubber	Squeegee or wet vac	Automatic floor scrubber

Notes:

- Never use a mop to clean a floor that is greasy or oily.
- When using a deck brush, choose a medium/stiff bristle.
- When using a rotary floor machine, use a white, tan or red 3M pad or similar pad.
- When removing solution with a squeegee, use a soft, neoprene squeegee.
- Do not use a water spray to remove cleaning solution from the floor. It will overdilute the solution, causing greases and oils to fall back onto the floor surface.
- Through proper training and education, unnecessary wear of the floor, such as forklift spin and skid marks, can be avoided.
- Spills should be cleaned up immediately as a safety precaution as well as to prevent staining of the floor.
- Surfaces should be adequately protected when moving heavy equipment across the floor.
- We do not recommend using enzyme-based cleaners.
- Combinations of chemicals can result in staining or degradation if not properly rinsed and removed.
- We do not recommend using “no-rinse” cleaners.

MAINTENANCE/DAMAGE PREVENTION

Sherwin-Williams resinous floors are installed with several basic types of finish coats including epoxy, polyurethane and acrylic.

Acrylic and polyurethane floors have exceptional mar and scratch resistance while epoxy finishes are harder and will scratch when subjected to abrasive dirt.

SYSTEM-SPECIFIC CLEANING & MAINTENANCE PROCEDURES

CHEMICAL RESISTANT FLOORING MAINTENANCE GUIDE

Reference general cleaning and maintenance procedures above in addition to these specialized instructions.

- Cleaning and sanitizing chemicals must be evaluated for compatibility with the floor before use.
- Hot water cleaning is only acceptable when:
 - Wand temperature differential stays below 160°F
 - Substrate temperature stays below 100°F
 - Wand remains in constant motion
- Pressure wash:
 - Use a fan tip; do not use a zero-degree tip
 - 2000 PSI or less
 - Be careful to always keep wand 12 inches or more away from surface
- Avoid development of films from hard water, residues or chemical byproducts (specific to chemical-resistant flooring performance).
- Floors require inspection specifically after unusual chemical spills.

DECO QUARTZ MAINTENANCE GUIDE

Reference general cleaning and maintenance procedures above in addition to these specialized instructions.

- Due to textured, skid-resistant aggregate surfaces, mopping alone cannot clean the profile.
- Brush scrubbing followed by a water rinse is essential for texture penetration.
- Periodic maintenance requires bristled brushes or bristle-type scrubbers capable of reaching into the aggregate.
- Cleaning products must be chosen based on soil level, not just soil type (unique to textured quartz).
- Initial post-construction cleaning may require more vigorous brushing, which may reduce gloss but not performance.
- Use bristled brushes appropriate for the specific flooring system, following brush manufacturer recommendations for use on resinous flooring.

INDUSTRIAL TROWELED MORTAR SYSTEMS MAINTENANCE GUIDE

Reference general cleaning and maintenance procedures above in addition to these specialized instructions.

- Scrubbing with a bristle-attachment scrubber is required for skid-resistant or heavily soiled mortar systems.
- Stronger degreasers may be needed for oils, grease and tire marks due to industrial exposure.
- After scrubbing, vacuum extraction is required to prevent dirt from resettling (unique to mortar).
- Chemical spills must be addressed immediately because certain chemicals may damage the system.
- Systems can be renewed by cleaning and recoating with the appropriate resin, requiring sanding beforehand.

SLURRY/BROADCAST SYSTEMS MAINTENANCE GUIDE

Reference general cleaning and maintenance procedures above in addition to these specialized instructions.

- Textured slurry/broadcast profiles require brush scrubbing + rinse because mops cannot reach aggregate areas.
- Soil-level-based detergent selection is critical:
 - Mild cleaners for light soil
 - Degreasers for heavy oils, grease and tire marks

- After scrubbing, rinsing and vacuuming are required to prevent soils from depositing back into the texture.
- Mechanical scrubbing is recommended on heavy-textured areas (ramps, showers, pool decks) to clean efficiently.

STATIC-CONTROL (ESD/CONDUCTIVE) FLOORING MAINTENANCE GUIDE

Reference general cleaning and maintenance procedures above in addition to these specialized instructions.

- Maintenance must protect conductive fillers and avoid residue buildup that interferes with electrical conductivity performance.
- Strong cleaners that can leach or damage conductive particles must not be used.
- Residue from minerals, wax or contaminants will disrupt conductivity and must be avoided.
- Clean with a water rinse; in heavily soiled areas, use a neutral cleaner followed by a clean water rinse.
- Electrical resistance must be checked regularly to monitor system performance.
- Electrical resistance falling out of specification would require corrective procedures coordinated with Technical Service.
- Water softener should be added when using hard water, to avoid conductivity-interfering mineral films.

HIGH PERFORMANCE WALL COATING SYSTEMS MAINTENANCE GUIDE

Reference general cleaning and maintenance procedures above in addition to these specialized instructions.

- Wall systems should be rinsed and scrubbed with a neutral cleaner as needed.
- Walls exposed to chemicals beyond design parameters must be rinsed immediately and inspected specifically for chemical damage.
- Routine inspections must include coating, caulk and expansion joints, since failures allow chemical penetration behind the wall surface.
 - For repair concerns, please reference [Repair Recommendations - High Performance Wall Coatings Systems]

IMPORTANT!

Before using Sherwin-Williams High Performance Flooring products, read and understand their accompanying Safety Data Sheet.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT industrial.sherwin-williams.com/na/us/en/resin-flooring FOR THE LATEST VERSION.

CAUTION! As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual's personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another.

In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation. Typically, it disappears once the exposure is eliminated. In some cases people can become "sensitized" to a product and experience the discomfort every time there is exposure without Personal Protective Equipment ("PPE").

To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.

Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Do not reseal moisture-contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of container.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.