



Quantum Chemical

PRECIDIUM™
MASS TRANSIT
Innovation
It's all in the Chemistry!

PRECIDIUM™ MTI Floor System

MAINTENANCE GUIDE

The **PRECIDIUM™ MTI Floor System** is an innovative product designed for use in mass transit applications that will provide years of service with the proper care and maintenance outlined in this guide. It is one of the finest floor products available on the market. The varied textures and colours are designed to be tough, slip-resistant, and beautiful. To ensure the integrity of this floor system, it must be installed by trained applicators.

As with any flooring product, avoid dragging heavy objects across the surface or placing sharp objects on the surface that could cause immediate or long-term damage.

The non-slip texture is selected by the customer to best suit each particular application or to meet certain co-efficient of friction requirements. More aggressive non-slip will require more cleaning effort and vice versa.

DIRT and GRIME

When cleaning the PRECIDIU™ MTI Floor, note the following important information.

The **PRECIDIUM™ MTI Floor** is nonporous, making it easier to clean because debris tends to remain on the surface. With that, however, these contaminants act as abrasives that will mar the finish in heavy traffic environments. As such, it is important that the **PRECIDIUM™ MTI Floor** be properly maintained on a regular basis. The cleaning schedule would depend on the service area where the product is being used. As with any flooring, proper maintenance is required to avoid premature wear and the **PRECIDIUM™ MTI Floor** is not exempted from this requirement. In heavy traffic environments where foot traffic includes tracking of abrasives such as dirt, sand, salt, etc., contaminants should be removed on a daily basis to avoid premature wear of the **PRECIDIUM™ MTI Floor System**.

CLEANING AGENTS

PRECIDIUM™ MTI Floor Systems are more resistant to chemicals than many other types of flooring. A chemical resistance test is available with the product technical data. That being said, harsh chemicals are not required to clean the floor and some should be avoided. Floor stripping agents, bleach-based products, citrus-based cleaners and corrosive chemical degreasers aren't recommended and will yellow the floor or damage it if they are applied and left to sit for an extended period of time. Using soap will create a film that is difficult to remove with rinsing. This film can become slippery when wet and will also attract dirt and debris, causing the floor to look dirty soon after cleaning. A simple mixture of a PH neutral cleaner such as Simple Green® diluted with water is recommended for regularly scheduled maintenance.

TOOLS

Mops: If you have traction additives or a rougher surface such as a quartz floor, be sure to use a rayon mop instead of a cotton one. Rayon mops use synthetic fiber that is less likely to get hung up on the surface and leave fuzz balls.

Soft-Bristled Brush: For more difficult to remove stains a soft bristled brush may be used to agitate dirt and debris. Be sure to a brush with soft bristles as hard bristles may mar the surface over time.

Foam Squeegee: Use a foam squeegee after you mop to remove any excess water.

Bucket: Mop Bucket with a wringer and 3-gallon standard bucket.

Wet-Vacuum: For removing excess water after rinsing.

Dry Mop: For dust removal.



CLEANING PROCESS

1. Sweep entire floor to remove any loose debris and dirt with a dry mop and/or soft bristled broom. Although **PRECIDIUM™ MTI Floors** cannot be penetrated, these substances will act like abrasives. If they are not regularly removed, then they will wear and scratch the floor over time.
2. For every-day use, mix 1.5 to 2 cups of Simple Green® per 1-gallon of warm water. Mixing ratios may vary for heavier soiled applications. Please reference Simple Green® Mixing Guide for more specifics.
3. Apply cleaning agent with a squeegee or mop and let stand for a few minutes so it can react with surface.
4. Thoroughly mop surface with wet rayon mop to remove any stains. A soft bristled brush may also be used to scrub the surface.
5. Rinse floor with clean water and use wet vacuum or squeegee to remove. A second rinsing is also recommended to ensure that no residue is left behind. Proper attention must be paid to removing the resultant emulsion of the cleaning solution and soil.
6. Once dirty water has been removed, allow the floor to dry prior to returning to service.

DETAILED MAINTENANCE GUIDE

Floor surfaces may be slippery when wet or contaminated with foreign materials so prompt clean-up of spills is required. For dust and dirt, sweeping or washing the floor with clean water will often be all that is required. As with any surface, use a mild soap if necessary if a spill could stain. Cleaners such as mild dish soap or any cleaner normally used on laminate, lino, wood, ceramic, etc. would be suitable. Avoid the use of any products containing ammonia, bleach, or acid or any cleaners that have an abrasive cleaner in them. A cloth, string, or sponge mop can be used or if required, use a stiff broom, scrubbing in a circular motion to loosen the dirt. Wash and flush thoroughly with clean water. Avoid the use of grit brushes or abrasive pads such as the brown or black scotchbrite cleaning pads designed for industrial or heavy-duty scrubbing. Softer pads such as those typically used for polishing floor surfaces should not

damage the surface but if there is any doubt about the cleaner or pad, test a small hidden area first. Do not allow any metal furniture or trash cans to be in contact with the wet surface. The object can rust and will stain the surface and will be difficult to remove. (see below for instructions).

If furniture or other objects are heavy or have sharp feet, we recommend the use of felt, rubber, or other suitable floor protector to avoid dents, punctures, or blisters to your floor surface.

Burning cigarette butts or sparks can damage or stain this surface.

Your new floor eliminates the need to use harsh, unfriendly cleaning chemicals to maintain the floor. No stains, coating, waxes, paints, or finishes are required. There is an increased resistance to soiling, staining and scuffing on this floor surface when maintained as above. You may require the use of harsher cleaners to remove embedded stains.

STAIN REMOVAL GUIDE

Even with the best care, sometimes stains occur.

Notes for Stains:

- Always clean immediately.
- Test an unseen area of floor before cleaning stain.
- Certain household cleaners, powdered abrasives, steel wool and industrial cleaners can cause damage and discoloration and are not recommended. Dry cleaning fluids and lacquer thinner solvents should not be used as they will remove the gloss. For specific stains consult the cleaning recommendations on the following page.

Chewing Gum: Wipe or scrape off excess gum (chill gum with ice). Use a mild cleaner in water, soft brush, water rinse, and dry. If necessary you may use FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), rinse with water, and dry.

Eyeshadow: FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), rinse with water, and dry.



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Motor Oil: FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), rinse with water, and dry.

Spray Paint: FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), rinse with water and dry or alternatively follow the instructions of the spray paint manufacturer.

Mildew*: One tablespoon ammonia to one quart water; rinse with water, and dry. Alternatively a mild cleaner in water, soft brush, rinse with water and dry. Or FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), rinse with water, and dry.

Shoe Polish*: Wipe or scrape off excess polish. FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), rinse with water, and dry or follow instructions of polish manufacturer.

Yellow Mustard: Mild cleaner and water, soft brush, water rinse, and dry. Alternatively FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry. Or one tablespoon ammonia to one quart water, water rinse, and dry.

Oil Base Paint (Fresh): Wipe or scrape off excess paint. FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse and dry or follow instructions of paint manufacturer.

Suntan Lotion*: Mild cleaner in water, soft brush, water rinse, and dry. Alternately, FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent or follow instructions of paint manufacturer.

Tar/Asphalt: Wipe or scrape off excess. Mild cleaner in water, soft brush, water rinse and dry. Or FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry or follow instructions of tar or asphalt manufacturer.

Lipstick: Mild cleaner in water, soft brush, water rinse, and dry. Or FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry.

Latex Paint: Mild cleaner in water, soft brush, water rinse, and dry. Or FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse and dry or follow instructions of manufacturer.

Crayon: Wipe or scrape off excess crayon. FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry.

Ketchup: Mild cleaner in water, soft brush, water rinse, and dry. Alternatively, FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry.

Grease: Wipe or scrape off excess grease. FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry or follow instructions of grease manufacturer.

Ballpoint Ink: Mild cleaner in water, soft brush, water rinse, and dry. Alternatively, FANTASTIK spray cleaner or Cascade Powdered Dishwasher Detergent (dwell time of only a few minutes), water rinse, and dry or follow manufacturer's instructions.

* Suntan lotions, permanent markers and some other products contain dyes that permanently stain.