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1. INTRODUCTION

PURLINE Flooring was developed to deliver unbeatable performance in the most demanding commercial environments. The PUR difference is the durability and strength of *ecuran* polyurethane for a flooring solution that is resistant to wear, staining, and indentation. PURLINE will not negatively impact human health, indoor air quality, energy consumption, or facilities costs.

The proper care of your floor will maintain its appearance, performance, and technical life. Following the recommended preventative measures and cleaning guidelines will help to ensure your product remains covered under the warranty. PURLINE Flooring is UV, scratch, indentation, and wear-resistant, and has superior stain resistance to some of the most stubborn chemicals.

The following are general guidelines to follow for the best cleaning results. However, we know that there are multiple types of applications exposed to different conditions. Please contact your sales representative for an evaluation of your facility for any recommended customized cleaning recommendations.

Remember a wet floor is a slippery floor! All precautions should be taken to prevent unnecessary slip and fall situations.

2. CLEANING SUPPLIES & EQUIPMENT

- ✓ Non-beater bar HEPA filtered vacuum
- ✓ Wet Vacuum
- ✓ Microfiber dry sweeping mop and pads
- ✓ Microfiber wet mop
- ✓ Side by side (2-bucket) mop bucket used with Microfiber wet mop
- ✓ Microfiber rags/towels
- ✓ White cotton rags/towels
- ✓ pH neutral cleaners such as Diversey STRIDE[®] or PROMINENCE[®], Hilway Direct Neutral Cleaner Spray and wet Buff: Diversey SNAPBACK[®] Technical phone numbers: Diversey: 1.800.558.2332 Shield Industries Cleaner: 1.877.209.7309, www.1877floorguy.com 1.877.356-6748 all offer acceptable PH neutral cleaning products.
- ✓ Spray/mister bottles to apply pH Neutral cleaners
- ✓ Auto Scrubbing or swing type low speed (175rpm) wet buffing machine with red 3M pad or equivalent brushes. **(Do not use Brown, Black or more aggressive pads as they will damage the flooring and will void the warranty. Do not use high speed or burnishing machines as they may damage the flooring and void the warranty.)**
- ✓ Isopropyl alcohol or Mineral spirits (See spot cleaning instructions.)
- ✓ It is safe to use a 1:5 bleach solution (1 part bleach, 5 parts water) on PURLINE Flooring as a disinfectant.
- ✓ A tennis ball placed on the end of a stick, such as a broom handle, can be used as a tool to remove some scuff marks by rubbing the ball over the affected area. This allows you to remove scuffs from a standing position on smaller areas.
- ✓ "Wet Floor" Self-standing caution signs

Note: All cleaning equipment and products listed are recommendations only. There are other products available that are acceptable equals for use when cleaning and maintaining PURLINE Flooring. No cleaning or maintenance products or equipment are guaranteed or warranted by Windmoeller Inc.

3. PREVENTATIVE MEASURES

IDENTIFY AND ADDRESS ALL SOURCES OF SOILING: Maintain clean exterior parking lots, walkways, etc. where dirt and debris can enter the building. Proper entrance systems and/or walk-off mats should be used at all entrances to absorb soil and moisture. If entrance systems and/or mats are placed directly on top of the floor, use mats without latex or rubber backings to avoid possible discoloration (see manufacturer's specifications and warranty information). Mats should also be used at transition areas and in special areas such as food service, high moisture, and restrooms to confine soil, oil, grease, and moisture.

There are two matting categories:

1. **Soil Removal** – used at exterior entrances to remove soil from shoes
2. **Absorbent mats** – used inside to minimize moisture

Matting should cover at least 6 footsteps to capture soil transferring from shoes. Additional matting may be necessary during inclement weather. Include matting in your maintenance program and have all mats cleaned regularly.

REMOVE DRY SOIL: Sweep, vacuum, and/or dust mop frequently to remove soil particles that can abrade the surface. Dust mop treatments are not recommended since these products can transfer and attract soil. Do not use vacuums with rotating beater bars on PURLINE Flooring.

PROMPTLY ADDRESS SPOTS AND SPILLS: All spills should be addressed as quickly as possible to avoid staining and slip and fall hazards (See Stain Treatment instructions below).

Proper furniture protection is required to prevent scratching and scuffing of all flooring. It is recommended to use heavy commercial rated felt protectors post installation and prior to initial cleaning. These are available for all types of furnishings and can be purchased from multiple suppliers. One supplier option is Flexifelt, available at www.expandedtechnologies.com and www.flexifelt.com. Use only non-staining releasable tape when covering the flooring. Tape should not be adhered to the flooring material, only to base boards and protective coverings.

High point loads can leave impressions in the flooring. Use wide based, no smaller than 1 inch furniture protectors to distribute the weight evenly. High heel/spiked heel shoes can also leave impressions in the flooring and should be avoided.

When moving heavy objects over your flooring, always use a protective barrier such as plywood, Masonite board (¼" or thicker) or ram board to distribute the weight and to prevent damage to the surface.

Avoid heavy traffic for 24 hours. We recommend waiting for a minimum of 72 hours after completion of the installation to start initial and regular cleaning. This will allow time for the flooring adhesive to fully cure and bond. If the flooring material is not covered with a protective covering only sweeping, dry mopping or vacuuming with a non-beater bar vacuum is recommended prior to initial cleaning.

Note: only use untreated dry mops as mop sprays are unnecessary and can damage your flooring.

4. NEWLY INSTALLED FLOORS & INITIAL CLEANING

Surface temperature of the flooring material should not exceed 100°F (38°C) from sunlight, or any heat source. Temperatures should also not fall below 55°F (13°C). Exposing product to temperatures outside the recommended range of operation 65°F – 80°F (18-27°C) could result in an expansion or contraction of the flooring material creating gaping and or peaking at the seams, door jams, case work etc.

PURLINE Flooring is constructed from bio-based PUR (polyurethane) which does not require any additional surface treatments, polishes, or finishes. Always avoid the application of over-the-counter products such as mop and shine products on PURLINE Flooring as they are unnecessary and can adversely affect the appearance and performance of the product.

5. DISINFECTANTS & CHEMICALS

Only use pH neutral products. Some disinfectants, such as quaternary ammonium salts and phenolics contain chemicals that can stain, discolor, and cause general harm to your flooring when used over time. Disinfectants can leave a film buildup that may cause a slip and fall hazard. It is recommended to thoroughly rinse areas where a buildup may occur on a regular basis.

Do not use surface finishes, polishes, coatings or treatments, high pH cleaners or stripping chemicals as they may result in damage to your floor and void your warranty.

6. INITIAL CLEANING – POST INSTALLATION

Place the "Wet Floor" caution signs at all entrance points before starting any cleaning procedures.

Step 1. Remove any remaining construction dust or debris tracked onto the flooring by vacuuming the floor with a HEPA-filtered non-beater bar type vacuum.

Step 2. Mop over the entire floor using a microfiber dry mop pad. If the microfiber dry mop pad gets dirty, replace it with a clean pad.

Step 3. If there is any adhesive residue, remove the residue using a clean white cloth dampened with odorless mineral spirits or isopropyl alcohol.

Step 4. Apply a neutral pH cleaner, such as Diversey Stride onto the floor using a mister or sprayer. Working in a manageable area (spray mist will dry quickly), use a microfiber wet mop pad to mop the floor with the cleaner. If the pad becomes dirty, replace the pad with a new microfiber wet mop pad.

Step 5. In the event of tougher residue, minor scuffing or where construction dust, etc. has left a residue film on the floor after drying, use a mister or sprayer to apply a neutral pH cleaner such as Diversey's Stride onto the floor in a manageable area (spray mist will dry quickly), working the flooring in sections to maintain a damp surface. Use a low speed (175 RPM) buffer (swing type machine) with a red 3M pad on the damp floor to remove the residue film. Never allow the surface to dry or dry buff the flooring. Use the center cut out from the 3M red pad or cut a pad into small sections to scrub areas that can't be reached by the machines. As an alternative to the red pad, a soft white nylon brush can be used. Contact Technical Support or Customer Service for other approved pads or cleaners.

Note: One pass over the entire floor should be sufficient, however if one pass does not achieve the desired results a second or 3rd pass may be required. As an alternative to a low speed (175 RPM) swing type buffing machine, a low speed (175 RPM), or auto scrubbing machine, using a red 3M pad or equal can be used.

Step 6. Rinse the floor after using any cleaner or disinfectant with cool clean water using a microfiber mop to remove any remaining residue from the floor. Change water frequently to ensure best results and that no residue remains. Do not use excessive water or leave any standing water. Use a wet vacuum to remove the rinse water.

7. STAIN TREATMENT

Any potential staining agents that have dropped, or spilled, on the floor should be cleaned up immediately.

Step 1. Using a clean white towel or preferably a microfiber towel, blot, don't wipe, the staining agent.

Step 2. Apply a neutral cleaner and let stand for five minutes and blot again.

Step 3. If there is still residue, re-apply the neutral cleaner, let dwell for 5 minutes and, using a soft white nylon brush, aggressively agitate the staining agent and blot.

Step 4. Use clean water and a microfiber towel to rinse the whole area to remove any cleaning residue. Always use cool clean water to rinse the floor. Change frequently to ensure the best results leaving no remaining chemical residue. Use a wet vacuum to remove rinse water, and for faster drying times.

8. MORE DIFFICULT STAINS

Medical chemical stains, hair dyes and stains such as tar, glues, magic marker, pitch, and petroleum-based stains may require the use of isopropyl alcohol or mineral spirits in combination with a neutral pH cleaner to remove following the steps below:

Step 1. Using a clean white towel or preferably a microfiber towel, blot the staining agent off.

Step 2. Apply isopropyl alcohol or mineral spirits and blot again.

Step 3. If there is still residue, re-apply the isopropyl alcohol or mineral spirits, let dwell for 2 minutes and, using a soft white nylon brush, agitate the staining agent and blot.

Step 4. Spray a neutral pH cleaner on the affected area and wipe with a microfiber towel.

Step 5. Use clean water and a microfiber towel to rinse the whole area and remove any cleaning residue.

Do not use excessive water or leave any standing water. Always use cool clean water to rinse the floor. Change frequently to ensure the best results leaving no remaining chemical residue. Use a wet vacuum to remove rinse water, and for faster drying times. **Note:** If a stain problem still exists after the recommended cleaning process, please contact Technical Support or Customer Service.

9. REGULAR CLEANING

Each interior environment is different and may require more or less effort to keep the flooring looking new. By starting a regular cleaning program, you can determine what is required to maintain the optimum appearance of your newly installed PURLINE flooring. Please contact your sales representative for assistance in evaluating and customizing your cleaning process and schedule.

Please refer to the PURLINE flooring application guide for approved applications. For simplicity's sake, there are two general categories for the recommended regular (daily/weekly) cleaning – Light Commercial Applications and Commercial Applications.

Light Commercial Applications

Daily

Step 1. Start by vacuuming with a HEPA filtered non-beater bar vacuum, or dry mop with a microfiber mop.

Step 2. Use low moisture damp mopping with a microfiber mop and pH neutral cleaner, then rinse with clean water.

Step 3. Absorb all wet spills and, if necessary, use a neutral pH floor cleaner and rinse with water.

Step 4. Any staining agent should be removed promptly (See stain treatment instructions above).

Step 5. To remove minor scuffing the use of a tennis ball placed on the end of a stick, such as a broom handle, can be used by rubbing the ball over the affected area. This allows you to remove scuffs from a standing position on smaller areas.

Weekly

Step 6. For larger areas or areas with scuffing, more traffic and tougher residue, wet buffing may be required. Using a mister or sprayer, apply a neutral pH cleaner such as Diversey's Stride onto the floor in a manageable area (spray mist will dry quickly) working the flooring in sections to maintain a damp surface. Use a low speed (175 RPM) buffer (swing type machine) with a red 3M pad on the damp floor to remove the residue film. Never allow the surface to dry or dry buff the flooring. Use the center cut out from the 3M red pad or cut a pad into small sections to scrub areas that can't be reached by the machines. As an alternative to the red pad, a soft white nylon brush can be used.

Step 7. Rinse the floor after cleaning with cool clean water using a microfiber mop to remove any remaining residue. Change water frequently to ensure the best results and that no residue remains.

Do not use excessive water or leave any standing water. Use a wet vacuum to remove water.

Commercial Applications

Follow recommended steps 1-7 and add step 8 as needed. **Note:** With commercial use it is not uncommon to have to make additional passes with the swing type of auto scrubbing machine to achieve the desired results. If necessary, refer to step 8.

Step 8. Start with one pass with your auto scrubber or swing machine and evaluate your results after cleaning and drying the flooring. If you do not feel that you have achieved the desired visual of removing soiling and scuffing, make an additional pass with your auto scrubber or swing machine and then review the visual appearance once again. This process should not have to be done more than 3 times in heavy traffic areas to restore the visual appearance. Once it is determined how many passes with your scrubbing equipment are required you will not need to do a final rinse until all passes are completed.

10. HEALTHCARE FACILITIES

Healthcare environments require specific mandated cleaning and disinfectant needs. For consulting on proper flooring care in the healthcare environment, please contact info@windmoellerinc.com.

11. MAINTENANCE VIDEO

Please scan the QR code below for the simple maintenance video.



This document is for reference purposes only if printed or downloaded. Cleaning Guidelines are subject to change without notice. Contact your sales representative, Customer Service or Technical Support at info@windmoellerinc.com to make sure you have the most current guidelines.