

These maintenance guidelines aim to provide basic care instructions for rubber athletic flooring like Advance, MondoArmor, Ramflex, Reflex HP and Sport Impact. For optimal results and an extended useful life, we recommend that you personalize your maintenance regimen to meet your facility's individual needs, based on square footage, events & increased traffic, available resources & equipment, etc. Please note that a natural surface break-in period is normal.

## WET MAINTENANCE

**INITIAL WASH.** You will need to thoroughly wash your new rubber athletic flooring with the aid of a floor scrubber (fastened with a **green pad or non-abrasive nylon brush**) to remove any production residue and/or construction dust before you begin using it. The first wash should not be completed until a minimum of 72 hours after the athletic flooring has been fully installed (or a minimum of 24 hours for unglued Ramflex Interlock, ensuring the tiles are laying flat and that seams are tightly closed prior to using a scrubbing machine). **NOTE: For gymnasiums with newly painted lines, be mindful of paint curing times and follow paint manufacturer's recommendations before you wash the athletic flooring; it is recommended to wait a minimum of 30 days prior to using a floor scrubber over newly painted lines.**

**DEEP CLEANING.** It is recommended that you periodically deep-clean the athletic flooring. Deep cleaning can occur after events, quarterly, during school breaks, annually, etc.; determine what is appropriate for your type of facility and use. Deep cleaning is performed with the aid of a scrubber (fastened with a **green pad or non-abrasive nylon brush**). Use of a degreaser, heavy duty cleaner or floor stripper may be prescribed, depending on the overall surface buildup and appearance of the athletic flooring. Multiple rinses with fresh water may be required to remove any residue left from use of higher concentration cleaners.

**REGULAR WASHES.** Daily vacuuming/dust mopping is highly recommended. Perform washes at desired frequency for optimal performance, but no less than once weekly. If you perform frequent washes, opt for a specialized daily-formulated floor cleaner that is low foaming, film-free and requires little to no rinsing. For optimal results, we recommend that you wash the athletic flooring with a floor scrubber (fastened with a **red pad or non-abrasive nylon brush**), as it generally provides better results than traditional mopping. If you do not have access to a floor scrubber or must use mops due to room layout/standing equipment, then opt for microfiber systems, using one mop for washing and another for rinsing, and frequently dispose of any soiled cleaning liquids. As needed, use deck brushes with soft nylon bristles for spot scrubbing.

### WASHING PROTOCOL

1. Always clean liquid spills as they occur, and immediately remove any solid debris from the athletic flooring's surface. Vacuum athletic flooring (or dust mop) to remove dust/dirt.
2. Put up "wet floor" signs/caution tape/barricades prior to performing wet maintenance.
3. Use a floor scrubber (<300 rpm for disc scrubbers) and adjust the pad pressure to "low". Fastened appropriate disc pad or brush (see types of washes above for all recommendations).
4. Refer to chemical SDS (safety data sheet) for all personal safety requirements. Dilute cleaner per the manufacturer's instructions for the level of soil present. Test dilution rate on a small area to ensure efficiency. Profi™ by Diversey is suggested. Refer to Cleaning Products on page 2.
5. Wet surface with cleaning solution and allow a dwell time of 5-10 minutes. **DO NOT let the surface dry out prior to scrubbing**; rewet as needed. Rubber can be "grabby" and a wet surface is essential for the scrubber to move freely across the athletic flooring's surface, and to avoid friction burns. Scrub in multiple directions and vacuum up soiled solution.
6. If required for the cleaner used, rinse the surface thoroughly with fresh water to remove any soapy residue; avoid soap film buildup that can trap dust/dirt and encourage the rapid formation of soiling patterns. Repeat rinsing as needed. Allow surface to fully dry before use.

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 **PRECAUTIONS**

- Do not use steel wool, abrasive brushes and abrasive pads (black, brown, etc.) that can damage the surface.
- Do not spot clean with turpentine, gasoline or solvents that can dull or discolor the surface.
- Never tilt a floor machine to dig into stubborn marks/stains, in order to avoid damaging the surface.
- Prolong aesthetics in high traffic areas (e.g. entrances) with protective mats.
- Always use premium “non-staining” mats, runners and rugs (no transferable black carbon chemicals in the backing).
- Fit any furniture/equipment with protective non-staining (pvc or polyethylene) caps, glides, wheels, etc.
- Avoid point loading\*: ensure that heavy equipment feet/wheels are minimum 1-inch wide and flat to the ground.
- Prevent pooling water under or around base of furniture/equipment; do not allow rust to occur and stains to ensue.
- Move heavier objects across the surface with care; use plywood or Masonite to create skids/bridge.
- Avoid point loading\*: spread object weight evenly over a given surface to avoid depressions, deformations or damage.
- Keep utility vehicles off the surface, in order to avoid oil leaks and/or damages caused by tires/pivots.
- Greasy foods/colored beverages spilled onto the surface can increase staining/maintenance if left unattended.
- Do not allow footwear with spikes; indoor resilient athletic flooring is NOT spike resistant.
- Surface not formulated “UV”. Do not install outdoors. Shade/film windows and glass doors.

*\*Mondo will not be held responsible for malfunctioning, improperly calibrated or improperly installed equipment. Always ensure proper functioning and weight distribution of heavy objects/equipment used on the surface, all while respecting the capacity of the resilient athletic flooring installed.*

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**CLEANING PRODUCTS**

If you will be using cleaning products other than those suggested herein, please perform in-house tests on stock samples or small secluded sections of flooring to determine cleaner suitability and effectiveness. Prior to adopting chemicals, ensure the surface of the resilient athletic flooring will not be damaged or suffer from reduced aesthetics. In general, use neutral pH cleaners (between 7-9) for washes, avoiding use of products that have a pH above 12 and below 2, and ensure all cleaning products are solvent-free, phosphate-free and phenol-free.

**SUGGESTED DIVERSEY CLEANERS**

Profi™ Cleaner and Degreaser  
Stride™ Citrus Neutral Cleaner (formulated for daily use)  
Prominence™ Heavy Duty Cleaner (formulated for daily use)  
GP Forward™ General Purpose Cleaner

**OTHER SUGGESTED PRODUCTS**

Virex® II 256 Disinfectant  
3M Disinfectant Cleaner RCT Concentrate 40A  
Revive® Plus SC Rejuvenator\*

*\*A surface rejuvenator can be used on any clean athletic flooring, leaving behind a protective/restorative film ([www.diversey.com](http://www.diversey.com)). No waxes or special coatings needed.*

**CHEMICAL-FREE MAINTENANCE.** For any facility wanting to limit the use of maintenance chemicals, we recommend that you consult the Tennant Company for information regarding their ec-H2O™, Orbio® and NanoClean technologies ([www.tennantco.com](http://www.tennantco.com)).

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Disinfection is a generic term used to define any process that destroys/deactivates microorganisms (bacteria, viruses, fungi, etc.) so that they no longer pose a health threat. When considering disinfection, it's important to note that **floor coverings are classified as *NON CRITICAL* environmental surfaces, based on their level of infectious risk** and the fact that they have very limited contact with skin. As a result, they generally only require *LOW-LEVEL* Disinfection (LLD).

We recommend that disinfection regimens be personalized to meet your facility's specific needs, based on the type of use and potential for cross-contamination in some areas specific to your operations. E.g.: flooring installed in a basic classroom or an office may not require the same disinfection regimen as needed for athletic locker room/shower areas or patient care rooms.

Cleaning and disinfecting are independent processes. However, when considering ***BEST PRACTICES* for disinfection**, these processes are frequently found to be interdependent because the act of cleaning prior to the act of disinfecting has been scientifically proven to improve the effectiveness of reducing microbial activity. **For optimal results, Mondo recommends that all surfaces first be scrubbed clean with a high-quality neutral floor cleaner, prior to proceeding with disinfection.**

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### DISINFECTION GUIDELINES

**STEP 1: Clean your resilient rubber flooring.** For the full list of cleaning requirements, consult the current maintenance guidelines for the resilient rubber flooring product installed. Always regularly vacuum (or use an untreated dust mop) and wash your resilient rubber flooring to remove any visible soiling, in addition to cleaning up spills as they occur. Washing is a simple process done with a low-speed floor scrubber that has been fitted with a 3M™ 5100 red pad attachment (for smooth surfaces) or brush attachment (non-abrasive soft nylon bristles, for textured surfaces), and using a high-quality, non-filming neutral floor detergent prepared and used according to manufacturer's label requirements. **DO NOT let the surface dry out prior to scrubbing;** rewet as needed. Rubber can be "grabby" and a wet surface is essential for the scrubber to move freely, as well as to avoid any surface friction burns. Scrub in multiple directions and vacuum up soiled cleaning liquids. *NOTE: Disinfection is less effective when organic and/or inorganic materials are present on environmental surfaces, and the action of cleaning alone significantly reduces microbial count, making disinfecting that much more efficient; be sure not to skip this step.*

**STEP 2:** After the resilient rubber flooring is washed and dry, you may **proceed with disinfection.** As is generally the rule for cleaning, it is even more important to ensure that disinfection is performed using high-quality chemicals and clean/intact equipment: disinfecting with soiled/contaminated tools defeats the purpose! Using a low-speed floor scrubber that has been fitted with a 3M™ 5100 red pad attachment (for smooth surfaces) or brush attachment (non-abrasive/soft nylon bristles, for textured surfaces), or using a microfiber mop system in tighter spaces, prepare and use disinfecting chemicals following manufacturer's label requirements. **DO NOT let the surface dry out prior to scrubbing;** rewet as needed. Rubber can be "grabby" and a wet surface is essential for the scrubber to move freely, as well as to avoid any surface friction burns. Scrub in multiple directions and vacuum up soiled cleaning liquids. When working with moping systems, always work with clean solutions; it has been reported that, if the individual responsible for disinfecting the floors does not change the water-disinfectant solution regularly (e.g., after every three to four rooms or at no more than 60-minute intervals), the mopping procedure can actually spread microbes. After disinfection, let the surface fully dry before allowing traffic. *NOTE: Some disinfectants may leave a slight film and, if this is the case, it is recommended to rinse the floor to help preserve its appearance.*

**WARNING: When performing any type of wet maintenance, always put up "wet floor" signs/caution tape/barricades prior to performing wet maintenance, refer to chemical SDS (safety data sheet) for all safety requirements including PPE (Personal Protective Equipment) recommendations, and always respect the chemical manufacturer's instructions regarding dilution, use, and HONOR DWELL TIMES LISTED FOR EFFECTIVENESS OF DISINFECTANTS.**

**REFER TO PAGE 2 FOR IMPORTANT INFORMATION ON DISINFECTANTS**



## DISINFECTION PRECAUTIONS

- Always test disinfectants in a small inconspicuous area before using it at large; note and communicate any visual concerns.
- Some disinfectants are very powerful and could lighten/dull the flooring's surface, and why a small test is recommended.
- Never use steel wool, abrasive brushes and abrasive pads (black, brown, etc.) that can damage the resilient rubber flooring.
- Avoid using blue and green pads that could dull the resilient rubber flooring.
- Do not spot clean with solvents (turpentine, gasoline, etc.) that could harm the surface color or natural finish.
- Never tilt a floor machine to dig into stubborn marks/stains, in order to avoid damaging the resilient rubber flooring.

## DISINFECTANTS

The most important thing when working with disinfectants is their dwell time/contact time, which is the amount of time the surface will need to remain wet in order for the disinfectant to be successful. We recommend making the review of necessary dwell times guidelines with staff a crucial part of training.

Disinfectants are likely to have different dwell times based on their formulations and the microbes they target. Dwell times may be as short as 30 seconds, but generally speaking the vast majority of products tend to be around 10 minutes or just under. Be sure to consult the manufacturer's label for dwell time information during your disinfectant selection process to make sure it meets your facility's needs.

If you will be using disinfecting products other than those suggested below, please perform in-house tests on stock samples or small secluded sections of resilient rubber flooring to determine their suitability. Prior to adopting new chemicals, ensure the resilient rubber flooring's surface will not be damaged or suffer from reduced aesthetics. It is recommended that you avoid any chemical product with a pH above 12 or below 2, and that you use solvent-free, phosphate-free and phenol-free products.

VIREX® II 256 Disinfectant

3M™ Disinfectant 40A

PERIDOX® Sporicidal Disinfectant

OXIVIR® Plus Disinfectant

VIROX® PREVAIL™ Disinfectant

VIRKON™S Disinfectant

ACCEL® PREvention™ Disinfectant

CAVIWIPES™ and ACCEL® PREvention™ wipes are also safe to use for small spot-cleaning of minor spills.

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