

### Slip-Retardant (Safety Zone™ Sheet & Tile)

*Following are guidelines for maintaining Armstrong Flooring's Slip-Retardant Sheet (Safety Zone Sheet & Tile). They are based on general experience using established methods and cleaning materials. It is important that these guidelines are read carefully.*

*Ultimately, local site conditions will determine what specific maintenance procedures and frequencies are needed. It is the responsibility of the maintenance provider to establish the maintenance program(s) that meet the demands of the space(s) and needs of the facility.*

All resilient floor coverings require maintenance. How frequently the floors must be maintained depends largely on the factors described below. Following regular and well-planned maintenance programs protects the floor by reducing wear, preserves the floor's attractive appearance and ultimately increases its service life.

- **How to Determine/Tailor A Maintenance Program**

Before establishing a maintenance program, there are a number of factors which must be considered in order to determine the most appropriate, cost-effective methods to use. It is critical that the maintenance methods for each floor and area be chosen only after careful evaluation and regard to the following:

- **End User's Expectations**  
What is considered an acceptable level of appearance by the owner, customers, staff or end-user? What is the desired gloss (high or low gloss)?
- **Type of Facility & Location of Flooring**  
Entryways, lobbies, classrooms, checkout lines and pivot-point areas may require more frequent cleaning than lower traffic areas in other parts or upper levels of the building.
- **Volume and Type of Traffic and Soil**  
Traffic types and volumes in entryways and corridors will vary greatly from those found in classrooms and checkout lines. Dirt and grit carried in from the outside can differ significantly from the soils and chemical spills found in a laboratory or emergency room.
- **Color/Design of Flooring**  
Color and pattern can have a significant impact on a floor's appearance and, when properly chosen, may help mask soiling and staining. Mid-tones are better choices than light or dark colors. Busier/high contrast patterns will hide better than solid/monolithic ones.
- **Resources/Equipment/Chemicals/Personnel/Budget**  
Are well-trained maintenance personnel available?  
Are the appropriate pieces of equipment (scrubbers, buffers, mops, pads, etc.) available?  
Are the appropriate chemicals available?  
What is the budget?
- **Special Traffic/Footwear**  
Areas subjected to frequent rolling loads provide a different environment than a children's play area or corridor in an elementary school.

## Maintenance Recommendations for Resilient Flooring

### Preventive Care and Maintenance

Controlling grit and soil is crucial to prolonging the attractive appearance of any floor. Grit or soil is any material—including dirt, stones, sand and clay—that is deposited onto the floor by normal commercial traffic. The best way to control grit is by using appropriate and well-maintained walk-off mats. Studies over the years have shown that properly installed and properly maintained entrance matting systems significantly reduce the amount of soil and water tracked into the building. Less soil means reduced wear, longer appearance retention, increased service life and reduced maintenance costs.

Recommended walk-off mats should:

- Have a high-friction, open surface design to knock grit particles from the bottoms of shoes and then trap the particles.
- Be used at every entrance, inside and outside, should be at least as wide as the doorway and 8' to 12' long.
- Have a backing that won't stain the floor.
- Be cleaned regularly, vacuumed, shaken and/or hosed off frequently.

While walk-off mats will retain a substantial amount of this grit and soil, some will still find its way into the building. Regular vacuuming, sweeping and dust-mopping will help to further control this type of grit.

### Furniture Rests (feet, glides, casters, etc.)

Proper selection and care of furniture rests is important in the maintenance and appearance retention of all types of floor coverings. Following are some guidelines to consider:

- The contact area should be large enough to distribute the load evenly without damaging the floor.
- The contact area should be smooth and flat to provide full contact and free of small protrusions, irregularities, roughness, depressions, mold lines, embedded dirt, and grit, etc.
- All edges should be slightly rounded to prevent damage if briefly turned on edge.
- Rests should be manufactured from non-staining materials.
- Rests should be properly maintained. Worn, damaged and missing furniture rests should be replaced.

Furniture, appliances, equipment, etc., should be properly leveled so that all rests are fully and firmly on the floor at all times.

### Other Maintenance Tips for Best Results

- Newly installed flooring should not be exposed to rolling load traffic for at least 72 hours after installation to allow setting and drying of the adhesive.
- If it becomes necessary to move any heavy fixtures or appliances over the flooring on casters or dollies, the flooring should be protected with 1/4" or thicker plywood, hardboard or other underlayment panels. If other on-site work is continuing, consider using a protective covering such as plain, undyed Kraft paper to guard against damage to the new floor.
- Do not wet wash, machine scrub, or strip the floor for at least five days after installation. This is to prevent excess moisture from interfering with the adhesive bond and/or seam treatments.
- The use of aggressive strippers such as mop-on/mop-off, no-scrub and no-rinse strippers is not recommended on tile floors less than 2 years old because they may affect the adhesive bond.
- When performing wet maintenance, always use proper signage and prohibit traffic until the floor is completely dry.
- Do not use excessive amounts of liquid during maintenance.
- Do not use brown or black pads, equivalent brushes or stiff-bristled, highly abrasive brushes on any Armstrong resilient flooring.

### Maintenance Recommendations for Slip-Retardant (Safety Zone™ Sheet & Tile)

Armstrong Flooring's Slip-Retardant (Safety Zone Sheet) is designed for slip retardance, floor polish is not recommended. Most floor polishes will adversely affect the slip-retardant properties of these floors. Safety Zone sheet should not be polished, buffed or burnished.

#### For Best Results

- On heat welded seams apply a thin, even application of a commercially available, high-quality multi-purpose top coating, such as S-762 Armstrong Weld Rod Coating Pen.
- It is important to protect the floor during the installation and construction phase. If it becomes necessary to move any heavy fixtures or appliances over the flooring on casters or dollies, the flooring should be protected with 1/4" or thicker plywood, hardboard or other underlayment panels. If other on-site work is continuing, consider using a protective covering such as plain, undyed kraft paper to guard against damage to the new floor.
- Do not wet wash, machine scrub, or strip the floor for at least 5 days after installation. This is to prevent excess moisture from interfering with the adhesive bond and/or seam treatments.
- When performing wet maintenance, always use proper signage and prohibit traffic until the floor is completely dry.
- Do not use floor polish to increase the gloss of this floor. Applying polish will adversely affect its slip-retardant characteristics.
- **Safety Zone Sheet** should be maintained with scrubbing brushes as machine pads are unable to reach into the textured surface to remove dirt, particles and residues.
- Do not use brown or black pads, equivalent brushes or stiff-bristled, highly abrasive brushes on Armstrong Flooring resilient flooring.
- Do not use excessive amounts of liquid during maintenance.

#### A. Initial Maintenance – Immediately After Installation

1. Sweep, dust mop or vacuum the floor thoroughly to remove all loose dust, dirt, grit and debris.
2. Remove any dried adhesive residue with a clean, white cloth dampened with mineral spirits, carefully following warnings on the container.
3. Damp mop the floor with a properly diluted neutral (pH 6 to 8) detergent solution, such as Armstrong Flooring S-485 Commercial Floor Cleaner.

#### B. Preparation for Commercial Traffic – 5 Days or More After Installation

1. If necessary, machine scrub the floor with a properly diluted neutral (pH 6 to 8) detergent solution (such as Armstrong Flooring S-485 Commercial Floor Cleaner) and the appropriate scrubbing brush. Floor machine pads are unable to reach into the textured surface to remove dirt particles and residues. Do not use stiff-bristled, highly abrasive brushes. Their use could damage the floor.
2. Thoroughly rinse the entire floor with fresh, clean water. Remove rinse water and allow the floor to dry completely.

#### C. Daily / Regular Maintenance

1. Sweep, dust mop or vacuum the floor daily to remove dust, dirt, grit and debris that can damage the floor and become ground into the surface.
2. Spot mop as needed. Any spills should be cleaned up immediately.
3. Damp mopping of the floor should be performed on a regular or daily basis depending upon traffic and soil levels in the space. Use a properly diluted neutral (pH 6 to 8) detergent solution, such as Armstrong Flooring S-485 Commercial Floor Cleaner.

## Maintenance Recommendations for Resilient Flooring

### D. Periodic Maintenance

1. When needed, after sweeping, dust mopping or vacuuming, machine scrub the floor with a properly diluted neutral (pH 6 to 8) detergent solution (such as Armstrong Flooring S-485 Commercial Floor Cleaner) and the appropriate scrubbing brush.
2. Thoroughly rinse the entire floor with fresh, clean water. Remove rinse water and allow the floor to dry completely.

### E. Restorative Maintenance – Stripping of Existing Floor Finish/Polish

**NOTE: Stripping is the process of removing existing layers of sealer and finish and should only be performed when routine daily/periodic procedures are no longer effective. The use of high-quality maintenance products, such as Armstrong Flooring commercial floor care products, and adherence to a well-planned maintenance program will greatly reduce the need for stripping.**

**Since floor polish is not to be used on Safety Zone Sheet, stripping will not be required. However, stripper could be used for the removal of heavily embedded soil.**

## Maintenance Recommendations for Resilient Flooring

**Armstrong Flooring's Slip-Retardant (Safety Zone™ Tile) employs an embossed surface embedded with grit. This uniquely textured surface requires that close attention be paid to maintenance. Fortunately, the Fast Start Factory Finish makes initial maintenance quick and easy and does not require removal after installation. The ability to use conventional commercial floor polishes helps to minimize the added complication of cleaning an embossed surface. Do not use too much floor polish because it will reduce the slip retardant characteristics of the tile's surface. As a guideline, maintaining 4 to 5 coats at all times should be sufficient.**

### For Best Results

- It is important to protect the floor during the installation and construction phase. If it becomes necessary to move any heavy fixtures or appliances over the flooring on casters or dollies, the flooring should be protected with 1/4" or thicker plywood, hardboard or other underlayment panels. If other on-site work is continuing, consider using a protective covering such as plain, undyed kraft paper to guard against damage to the new floor.
- Do not wet wash, machine scrub or strip the floor for at least 5 days after installation. This is to prevent excess moisture from interfering with the adhesive bond.
- When performing wet maintenance, always use proper signage and prohibit traffic until the floor is completely dry.
- Do not use excessive amounts of liquid during maintenance.
- **Safety Zone Tile** should be maintained with scrubbing brushes as machine pads are unable to reach into the textured surface to remove dirt, particles and residues.
- The use of aggressive strippers such as mop-on/mop-off, no-scrub and no-rinse strippers is not recommended on tile floors less than two years old because they may affect the adhesive bond.
- Do not use brown or black pads, equivalent brushes or stiff-bristled, highly abrasive brushes on Armstrong Flooring resilient flooring.

### A. Initial Maintenance – Immediately After Installation

1. Sweep, dust mop or vacuum the floor thoroughly to remove all loose dust, dirt, grit and debris.
2. Remove any dried adhesive residue with a clean, white cloth dampened with mineral spirits, carefully following warnings on the container.
3. Damp mop the floor with a properly diluted neutral (pH 6 to 8) detergent solution, such as Armstrong Flooring S-485 Commercial Floor Cleaner.
4. Apply a minimum of 2 coats of a high-quality commercial floor polish (such as Armstrong Flooring S-480 Commercial Floor Polish) to temporarily protect the floor until regular maintenance procedures can begin. The use of a high-quality stain-resistant sealer (such as Armstrong Flooring S-495 Commercial Floor Sealer) beneath the polish should be considered in areas of high traffic, areas of high soil load and areas where staining potential is high.

### B. Preparation for Commercial Traffic – 5 Days or More After Installation

1. Machine scrub the floor with a properly diluted neutral (pH 6 to 8) detergent solution (such as Armstrong Flooring S-485 Commercial Floor Cleaner) and a scrubbing brush (aggressiveness equivalent to 3M™ blue pad or equal). If the floor is badly soiled and/or scratched, strip it using the same procedure but substituting a properly diluted stripping solution.
2. Thoroughly rinse the entire floor with fresh, clean water. Remove rinse water and allow the floor to dry completely.
3. Apply 3 to 4 coats of high-quality commercial floor polish, such as Armstrong Flooring S-480 Commercial Floor Polish. If the floor has been stripped, the application of a stain resistant sealer (such as Armstrong Flooring S-495 Commercial Floor Sealer) prior to the application of polish, is recommended in areas that will be exposed to heavy traffic and/or staining agents.

**NOTE: The use of aggressive strippers such as mop-on/mop-off, no-scrub and no-rinse strippers is not recommended on tile floors less than two years old because they may affect the adhesive bond.**

## Maintenance Recommendations for Resilient Flooring

### C. Daily / Regular Maintenance

1. Sweep, dust mop or vacuum the floor daily to remove dust, dirt, grit and debris that can damage the floor and become ground into the surface.
2. Spot mop as needed. Any spills should be cleaned up immediately.
3. Damp mopping of the floor should be performed on a regular or daily basis depending upon traffic and soil levels in the space. Use a properly diluted neutral (pH 6 to 8) detergent solution, such as Armstrong Flooring S-485 Commercial Floor Cleaner.

### D. Periodic Maintenance

1. When needed, after sweeping, dust mopping or vacuuming, machine scrub the floor with a properly diluted neutral (pH 6 to 8) detergent solution such as Armstrong S-485 Commercial Floor Cleaner and the appropriate scrubbing brush (3M™ red pad for light scrub, 3M™ blue pad or equal for a deep scrub).
2. Thoroughly rinse the entire floor with fresh, clean water. Remove rinse water and allow the floor to dry completely.
3. If needed, additional coats of floor polish should be applied at this time.

### E. Restorative Maintenance – Stripping of Existing Floor Finish/Polish

**NOTE: The use of aggressive strippers such as mop-on/mop-off, no-scrub and no-rinse strippers is not recommended on tile floors less than two years old because they may affect the adhesive bond.**

1. Mix stripping solution to the appropriate dilution, depending on floor finish build-up.
  - Cordon off areas to be stripped.
  - Apply liberal amounts of solution uniformly on floor with a mop.
  - Let stripping solution soak for the appropriate amount of time recommended by the stripper manufacturer.
  - Keep areas to be stripped wet. Rewet if necessary.
2. Machine scrub the floor (300 rpm or less) with a scrubbing brush (3M™ blue pad or equal) to break up the polish film. **IMPORTANT: Do not allow stripping solution to dry on the floor.**
3. Remove dirty stripping solution. **TIP: Drizzling fresh, clean rinse water onto the dirty stripping solution will assist with more thorough removal.**
4. Thoroughly rinse the entire floor with fresh, clean water. Remove rinse water and allow the floor to dry completely.
5. Apply 4 to 5 coats of high-quality commercial floor polish such as Armstrong Flooring S-480 Commercial Floor Polish. The use of a high-quality stain-resistant sealer (such as Armstrong Flooring S-495 Commercial Floor Sealer) beneath the polish should be considered in areas of high traffic, areas of high soil load and areas where staining potential is high.