

Product Data

Section 9

Resilient Flooring



Maintenance

7.1 Initial Maintenance

7.1.2 Liquid/Solution Cleaning: Do not scrub, buff or mop the tile for at least 48 hours after installation to allow the adhesive and heat welds to properly cure. Do not flood the tile when cleaning and do not allow the cleaning solution or topical moisture to work its way beneath the tile which can result in an adhesive and/or tile failure. Remove any covering that may have been used to protect the floor. The tile must be properly cleaned before it is released for normal use. First, Sweep and vacuum to remove dirt and other particulates, then damp mop the flooring with a mild, neutral pH cleaner such as Spartan Chemicals' Damp Mop (800-537-8990) or Green Solutions All Purpose Cleaner or Neutral Disinfectant Cleaner. DO NOT use highly alkaline or acidic cleaners. DO NOT use sweeping or cleaning agents containing oils or solvents. Rinse the flooring immediately after mopping with clean warm water and remove rinse water with a wet/dry vacuum and allow to dry completely before exposing to traffic. DO NOT flood the flooring! To remove excessive dirt, scuffs, or light scratches, after the installation, wet buff using a low speed rotary buffer, 175 – 350 RPM, with a 3M 5300 Blue Cleaner Pad. Dry buff with a 3M 5100 Red Buffer Pad followed with a 3M 4100 White Super Polish Pad to achieve the required glossy appearance. Always check for compatibility and performance prior to cleaning by utilizing uninstalled material or test in an inconspicuous area before proceeding to determine if the desired results can be achieved without distorting or having an adverse effect on the tile. Caution: When wet, the flooring will become slippery; therefore, use the appropriate warning signs on the floor to eliminate foot or vehicular traffic.

7.1.3 Dry Buffing: DO NOT dry buff until 48 hours after the installation and after the tile has been liquid/solution cleaned. Sweep, dust mop, or vacuum the floor to remove dirt and other particulate before dry buffing. Dry buff with a low speed rotary buffer, 175 – 350 RPM, using a 3M 5300 Blue Cleaner Pad followed with a 3M 5100 Red Buffer Pad to remove any directional sheen or light shading. To finish use a 3M 4100 White Super Polish Pad to achieve the desired glossy appearance. DO NOT heel the buffing machine.

7.1.4 Regular Maintenance: DO NOT scrub or mop the flooring for at least 48 hours after the installation to allow the adhesive to properly cure. Do not flood the tile when cleaning and do not allow the cleaning solution or topical water to work its way beneath the tile which can result in an adhesive and/or tile failure. The flooring must be properly cleaned and allowed to dry before exposing for normal use. Insufficient cleaning will reduce the wear life and appearance of the tile. We suggest the first month should be used as a test period to assess the best procedure for your continued maintenance program. The amount of traffic required is directly related to the amount and type of traffic and type of particulates deposited on the floor. Sweep or vacuum daily to remove dirt or other particulates. Damp mop or scrub with a commercial 175 RPM scrubber using a mild, neutral pH cleaner such as Spartan Chemical's (800-537-8990) Damp Mop or Green Solutions All Purpose Cleaner or Neutral Disinfectant Cleaner. Rinse the flooring immediately after mopping with clean warm water and remove rinse water with a wet/dry vacuum allow it to dry thoroughly before exposing to traffic. After cleaning, regular buffing with a



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3M 4100 White Super Polish Pad will help to maintain the attractive appearance. Caution: Some germicides, disinfectants, cleaning agents, floor maintenance products, and pesticides may stain or damage the surface of solid vinyl tile; therefore, test the products to assure they will stain or damage the tile. Periodic cleaning with a 3M 5300 Blue Cleaner Pad may be required to prevent buildup of germicidal cleaners or other cleaning solutions. DO NOT heel the buffing machine. Spills of any type must be removed immediately to help prevent staining or permanent damage. Contact Roppe's Customer Service to obtain information concerning stain resistance to various chemicals and products. DO NOT use highly acidic or highly alkaline cleaners. DO NOT use sweeping or cleaning agents containing oils or solvents. Always check for compatibility and performance prior to cleaning by utilizing uninstalled material or test in an inconspicuous area before proceeding to determine if the desired results can be achieved without distorting or having an adverse effect on the tile. Caution: When wet, vinyl flooring will become slippery; therefore, use the appropriate warning signs on the floor to eliminate foot or vehicular traffic.

7.1.5 Optional Floor Sealer & Finish Application: Caution: Applying sealers or finishes may darken the floorings original color or finish, and will eliminate the cork properties of SafeTcork Vinyl Tile. When applying sealers or finishes always check first for compatibility, bonding and color darkening of the flooring by testing on a scrap piece of flooring to ensure the desired results and appearance is achieved. If a floor sealer/finish is preferred, first follow sections noted in Section 7.1. Once the tile has been properly cleaned, test for proper adhesion by applying Spartan Chemical's Shinline Sealer (24% solids thermoplastic sealer) to a small area with a sponge and allow to completely dry. If the finish pulls back and does not level out, repeat step 7.1.1 until the sealer is firmly bonded. If the sealer does level and is firmly bonded, Spartan Shinline Sealer can be used to seal the floor by applying with a finish mop. Once Shinline Seal has been applied and properly dry, apply 1-2 very thin coats of the Spartan floor finish that meets your traffic and maintenance needs. Each coat of floor finish must be applied in opposite directions to ensure proper coverage regardless of the flooring profile. Contact your Spartan Chemical Representative or Spartan Chemical (800-537-8990) directly for proper finish recommendations to meet specific traffic and maintenance requirements. If an environmentally preferable product is desired, apply 1-3 very thin coats of Spartan Green Solutions Floor Seal & Finish (acrylic co-polymer based floor seal and finish combination) in lieu of Shinline Sealer. Apply sealers or finishes in very thin coats to avoid puddles. Caution: When wet, flooring will become slippery; therefore, use the appropriate warning signs on the floor to eliminate foot or other traffic. When applying sealers or finishes always check first for compatibility, bonding and color darkening of the flooring by testing on a scrap piece of flooring to ensure the desired results and appearance is achieved. The floor care product manufacturer will assist you in determining the best maintenance program. Spartan Chemical's product selection is listed below for reference depending on frequency/infrequency of maintenance schedule to be performed on the flooring. Caution: When floor sealers and finishes are used, the floor surface will take on the slip resistance characteristics of that particular coating. Roppe Corporation will not be held liable for the slip resistance effects of their flooring if it is coated with a floor sealer or finish. DO NOT allow the solution to dry or work its way beneath the flooring resulting in an adhesive failure. Caution: When wet, flooring will become slippery; therefore, use the appropriate warning signs on the floor to eliminate foot or other traffic.



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A. Frequent Maintenance Schedule: Described as "at least twice a week or as often as every day". Notice: Finishes listed below must be burnished (polished until shinny) in order to maintain gloss levels. Burnish frequency will depend on several factors including but not limited to the following: Type of finish, traffic, equipment, internal/external conditions, type of floor, labor/budget available, and end user expectations.

* Spartan Chemical Product Selections for Frequent Maintenance Schedules:

- o High Frontier
- o Upper Limit's
- o TriLinc
- o Trendsetter Sealer/Finish
- o Pro-Shine
- o Heavy Duty Wax 16%
- o Glacier

B. Infrequent Maintenance Schedule: Described as "once a week to never". Notice: The products listed below are considered Dry-Bright Finishes which dry to a particular gloss and remain that way. Gloss loss with these finishes is due to superficial wear and tear. When burnishing, spray buffing and/or using a finish restorer, surface imperfections are repaired to restore gloss - there is no real "polishing", as there is with burnishable finishes.

* Spartan Chemical Product Selections for Infrequent Maintenance Schedules:

- o Millennia Bright Dura Gloss Laminate
- o Sheen 17
- o White Sun
- o Sunny-Side
- o iShine
- o On an' On
- o Green Solutions Floor Seal & Finish
- o Terra Glaze

7.1.6 Existing Floor Sealer/Finish Removal: To remove existing floor finishes/sealers, first the flooring must be properly cleaned by first sweeping or vacuuming to remove dirt and other



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particulates. Strip with either Spartan Chemical's Rinse Free Stripper or Green Solutions Floor Finish Remover utilizing a single disc 175 RPM maximum scrubbing machine with a soft-bristled nylon brush (required for raised profiles) or a 3M 4100 White Super Polish Pad (required for smooth finish profiles). Ensure the brush or pad does not scratch or damage the flooring. Rinse with clean, cool water and remove rinse water with wet/dry vacuum and allow floor to dry completely. Refer to Section 7.1.5 regarding reapplying the recommended Spartan Chemical's floor sealer and finish. Caution: When wet, flooring will become slippery; therefore, use the appropriate warning signs on the floor to eliminate foot or other traffic. Remove solution with a wet/dry vacuum. DO NOT allow the solution to dry or work its way beneath the flooring resulting in an adhesive failure. Caution: Applying sealers or finishes will darken the floorings original color. When applying sealers or finishes always check first for compatibility, bonding and color darkening of the flooring by testing on a scrap piece of flooring to ensure the desired results and appearance is achieved. Caution: When floor sealers and finishes are used, the floor surface will take on the slip resistance characteristics of that particular coating. Roppe Corporation will not be held liable for the slip resistance effects of their flooring if it is coated with a floor sealer or finish.

7.1.7 Routine Maintenance for Optional Sealer/Finish Applications: Insufficient cleaning will reduce the wear life and the appearance of the flooring or optional sealers/finishes. The amount of maintenance required is directly related to the amount and type of traffic and type of particulates deposited on the floor. There are several alternative maintenance systems available from Spartan Chemical (800/537-8990). The flooring must be properly cleaned by first sweeping or vacuuming to remove dirt and other particulates from both smooth and profiled floors. Dust mop smooth profile floors with Spartan's Dust Mop/Dust Cloth Treatment. Flooring can also be damp mopped with Spartan's Damp Mop Detergent Concentrate or Spartan DMQ Neutral Disinfectant Cleaner. If an environmentally preferable product is desired, damp mop with Spartan Green Solutions All Purpose Cleaner. An auto-scrubber with a scrubbing brush (required for raised profiles) or 3M White Super Polish Pad (required for smooth finish profiles) may also be used for cleaning. Caution: Ensure the scrubbing brush or pad does not scratch or damage the flooring. Caution: When wet, flooring will become slippery; therefore, use the appropriate warning signs on the floor to eliminate foot or other traffic. DO NOT allow the solution to dry or work its way beneath the flooring resulting in an adhesive failure. Caution: When floor sealers and finishes are used, the floor surface will take on the slip resistance characteristics of that particular coating. Roppe Corporation will not be held liable for the slip resistance effects of their flooring if it is coated with a floor sealer or finish.

7.1.8 Dry Buffing (Sealer/Finish Applications): DO NOT dry buff the tile for at least 72 hours after the installation is complete to allow the recommended Roppe adhesives to properly cure. Dry buffing should be performed on a routine basis to maintain the surface luster. DO NOT dry buff until the tile have been thoroughly cleaned and allowed to completely dry. Buff tile using a single disc 350 - rpm maximum buffing machine with an attached soft polishing brush required for textured, slate and raised designed tile. Polish tile in both directions. Ensure the polishing brushes do not scratch the tile DO NOT heel the buffing machine. After a period of time, the build up of wax or floor finish will need to be removed. Currently, Spartan Chemical recommends



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either LOE Stripper or Green Solutions Floor Finish Remover. Use the wet cleaning procedure described in 7.1.6 to remove the build up and for restorative maintenance.

7.1.9 Maintenance Warnings and Cautions (Non- Floor Sealer Application/Finish & Optional Floor Sealer/Finish Application): Caution: Applying sealers or finishes may darken the floorings original color or finish. When applying sealers or finishes always check first for compatibility, bonding and color darkening of the flooring by testing on a scrap piece of flooring to ensure the desired results and appearance is achieved. The floor care product manufacturer will assist you in determining the best maintenance program. Caution: When floor sealers and finishes are used, the floor surface will take on the slip resistance characteristics of that particular coating. Roppe Corporation will not be held liable for the slip resistance effects of their flooring if it is coated with a floor sealer or finish. Caution: When wet, the flooring will become slippery; therefore, use the appropriate warning signs on the flooring to eliminate foot or other traffic. Caution: Contact Spartan Chemical before applying products to verify recommendations for stripping flooring. Some strippers may have an adverse effect on the flooring. Always test first to ensure the flooring is not affected and the desired results can be achieved prior to applying strippers of any kind. DO NOT use highly alkaline, highly acidic, or solvent-based cleaners of any kind. Caution: Some germicides, disinfectants, cleaning agents, floor maintenance products, and pesticides may stain or damage the surface of floor; therefore, test the products to ensure they will not stain or damage the tile. Spills of any type must be removed immediately to help prevent staining or permanent damage. DO NOT use sweeping or cleaning agents containing oil or solvents. DO NOT use treated mops and thoroughly clean new mops before use. DO NOT use kerosene, gasoline, naphtha, or other solvents on flooring. DO NOT use varnish, shellac, paste wax, paint, or other substances that could discolor or damage the flooring. DO NOT allow the solution to dry or work its way beneath the flooring resulting in an adhesive failure.

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