

MONTHLY MAINTENANCE GUIDE (2 – 3 HOURS)

Monthly maintenance focuses on comprehensive cleaning, detailed inspections, and preventive treatments. This routine should be performed even during facility closures or low-use periods.



1

COMPREHENSIVE SURFACE CLEANING

Perform a thorough cleaning of the entire surface using one of these methods:

METHOD 1: STEAM CLEANING

- Use a commercial-grade steam cleaner with a soft brush attachment
- Apply a pH-neutral cleaning solution to the surface before steaming
- Work in sections, allowing the steam to dwell for 2-3 minutes before agitation
- Use the extraction function to remove all cleaning solution and contaminants
- Allow the surface to dry completely (24-48 hours for best results)

METHOD 2: ACID WASH

- Mix a mild acid solution (1 part muriatic acid to 10 parts water)
- Apply with a spray bottle, working in small sections
- Allow to dwell for 5-10 minutes, then agitate with a soft brush
- Rinse thoroughly with clean water
- Neutralize with a baking soda solution (1 cup baking soda per gallon of water) if needed

Important: Only use acid washing on Aqua Tile surfaces if approved by your local distributor, as this can void warranties if not performed correctly.

GENERAL TIPS

Clean regularly to maintain slip resistance and appearance.

Address spills and stains promptly.

Consistent maintenance extends the life of your Aqua Tile Surface

Allow the surface to air dry completely before reopening.

AVOID THESE MISTAKES

Using abrasive cleaners such as bleach, ammonia, or concentrated vinegar.

Scrubbing with steel wool or wire brushes.

Allowing cleaning solutions to dry on the surface.

Using cleaning products with a pH above 10.

2

DETAILED INSPECTION AND DOCUMENTATION

Conduct a thorough inspection of the entire installation, documenting any issues for future reference. Use this inspection checklist:

- Tile Condition: Check for any tiles that are cracked, warped, or showing signs of wear
- Seam Integrity: Verify all seams are properly sealed and free of gaps
- Drain Functionality: Ensure all drains are clear and functioning properly
- Transition Areas: Inspect transitions to other surfaces for proper alignment
- Signage: Check that all safety signage is visible, legible, and properly secured
- Inlays and Decorative Elements: Verify all decorative elements are secure and undamaged
- Substrate Condition: If accessible, check the condition of the substrate beneath the tiles

Document any issues with photographs and notes, and create a maintenance log entry for each finding. This documentation is crucial for warranty claims and long-term maintenance planning.

3

PREVENTIVE TREATMENTS

Apply preventive treatments to protect your Aqua Tile investment:

- UV Protective Coating: Apply a UV-resistant sealant to high-exposure areas (reapply every 6-12 months)
- Anti-Microbial Treatment: Use an EPA-approved anti-microbial spray to inhibit bacterial and fungal growth
- Slip Resistance Test: Perform a simple slip resistance test using a portable tribometer (available from safety equipment suppliers)
- Impact Attenuation Check: Test a few tiles with a drop test (drop a 5 lb weight from 3 feet) to verify cushioning properties

For the slip resistance test, Aqua Tile surfaces should maintain a coefficient of friction (COF) of 0.5 or higher when wet. If readings fall below this threshold, increase your cleaning frequency or consult with Aqua Tile’s technical support team.

4

DRAIN AND WATER FLOW ASSESSMENT

Proper water drainage is essential for maintaining both safety and cleanliness. Assess your drainage system by:

- Checking that all drains are clear of debris
- Verifying that water flows properly toward drains
- Looking for any areas where water might pond
- Ensuring that transition areas between Aqua Tile and other surfaces have proper slope