



# AMERICAN WONDER PORCELAIN™

## Porcelain Tile Maintenance

### Disclaimer

American Wonder Porcelain provides the information contained herein to its customers as an information source only. American Wonder Porcelain does not manufacture installation products or tile cleaning/maintenance products. The products identified in this website may have chemicals that cause reactions in certain individuals. American Wonder Porcelain strongly recommends reviewing Safety Data Sheets (SDSs) and using the specified personal protective equipment prior to handling any chemicals.

Please contact the chemical manufacturer directly, PRIOR to usage, to obtain proper handling instructions, application instructions and warnings concerning potential health hazards for any product contemplated for use. American Wonder Porcelain also strongly recommends that you ALWAYS test a small area PRIOR to usage of any installation/tile/cleaning/maintenance product to determine whether the product you are about to apply serves its intended purpose.

### Porcelain Tile Routine Care

Porcelain tiles are easier to keep clean than most other surfaces and are resistant to many chemicals. However cleaners used need to be specified as safe for use on porcelain tile installations (including the grout).

Sweep up or vacuum away loose dirt prior to mopping. We recommend using a microfiber mop head with a non-hazardous, low VOC, cleaning chemical. Many cleaning products will require specific dilution rates and dwell time on the floor for maximum effectiveness. Always follow the cleaning product manufacturer's recommendations.

Avoid chemicals that contain fluorine compounds as these will damage (etch) all porcelain and glass surfaces.

### Grout Haze Clean Up

It is very important to clean up all grout haze as part of the installation process. This will most often require several rounds of cleaning with fresh rinse water. Coordinating tile to grout color combinations are visually appealing, but can have some special challenges. Grout residue from these systems can be more difficult to visually detect. If left to dry, this residue will not initially be visible, but will trap dirt & soil, and make cleaning more difficult when the floor is in use.

If a grout haze is left to dry, contact the grout manufacturer for instructions on how to best solve this issue.

## Spot Cleaning Matrix for Porcelain Tile

Category	Substance	StoneTech®	Aqua Mix®	Common Products
Routine Cleaning	Most foot traffic soil	Stone & Tile Cleaner	Concentrated Stone & Tile Cleaner	Neutral pH cleaner recommended for tile
Food Products	BBQ Sauce	Stone & Tile Cleaner	AquaKleen (Spray & Wipe) or Heavy Duty Tile & Grout Cleaner or Stone Deep Clean	Scouring Powder (without bleach)
	Coffee			Mild soap and water or Vinegar
	Soda			Hydrogen Peroxide or Vinegar
	Cranberry Juice			Borax or Hydrogen Peroxide
	Food Coloring			
	Grape Juice/Wine			Scouring Powder (without bleach)
	Icing			
	Jelly			Borax or Hydrogen Peroxide
	Ketchup			Scouring Powder (without bleach)
	Mayonnaise			
	Mustard			d-Limonene based products
	Peanut Butter			
	Pizza Sauce			Stone & Tile Cleaner
	Tea	A paste made from baking soda and water		
Writing Implements	Ball Point Pen	Oil Stain Remover	Sealer & Coating Remover	Alcohol Based Cleaner
	Crayon			d-Limonene based cleaners
	Paint Marker			Acetone
	Pencil Marks	Stone & Tile Cleaner	Concentrated Stone & Tile Cleaner	Mild Soap and Water
	Permanent Marker	KlenzAll	Sealer & Coating Remover	Rubbing Alcohol/Acetone
Paints	Latex Paint	Heavy Duty Coating Stripper	Sealer & Coating Remover or Phosphoric Acid	Latex Paint Remover
	Oil Paint			Mineral Spirits
	Spray Paint			Acetone or Graffiti Remover
	Shoe Polish			Graffiti Remover
	Water Color	Stone & Tile Cleaner		Mild Soap and Water
Automotive & Oils	Gear Oil	Oil Stain Remover	Poultice Stain Remover mixed with Sealer & Coating Remover	d-Limonene and/or Naphtha based cleaner
	Vegetable Oil			
	Motor Oil			
	Tire Dressing			
	Transmission Oil			
	Tire Marks			Scouring Powder (without bleach)
Other	Candle Wax	Heavy Duty Coating Stripper	Sealer & Coating Remover	Mineral Spirits/Acetone
	Chair Marks	KlenzAll	Nanoscrub	Scouring Powder (without bleach)
	Foot Traffic Soil		Heavy Duty Tile & Grout Cleaner	Daily Tile Safe Cleaner (non alkaline)
	Loose Dirt			Sweep or vacuum
	Mud		Sweep first, then use a tile safe cleaner	
	Petroleum Jelly	Oil Stain Remover	Sealer & Coating Remover	Rubbing Alcohol/Acetone
	Shoe Scuffs	KlenzAll	Nanoscrub	Scouring Powder (without bleach)
	Soap Residue	Soap Scum Remover	Heavy Duty Tile & Grout Cleaner	Borax or Ammonia based cleaners
Grout Haze	Cementitious	Restore Acidic Cleaner	Grout Haze Cleanup	Consult grout manufacturer
	Single Component	Restore Acidic Cleaner	Heavy Duty Tile & Grout Cleaner	
	Epoxy	Epoxy Grout Haze Remover	Sealer & Coating Remover	
Biological	Mold/Mildew	Mold & Mildew Stain Remover	Heavy Duty Tile & Grout Cleaner	Bleach based cleaner
Mineral Deposits	Hard Water Stains	Restore Acidic Cleaner	Sulfamic Acid or Phosphoric Acid Substitute or Ex Treme	Vinegar to Hydrochloric acid
	Efflorescence			Vinegar to Hydrochloric acid
	Rust			Phosphoric Acid/Naval Jelly
Sealers	Tile/Grout Sealer	Heavy Duty Coating Stripper	Sealer & Coating Remover	Consult sealer manufacturer

- Additional information on Aqua Mix® products: <http://www.custombuildingproducts.com/products/aqua-mix.aspx>
- Additional information on StoneTech® products: <https://stonetech.com/>

## Additional Factors to Consider

- Care should be taken to ensure all dirt and cleaner residue is removed so that it does not compromise the slip resistance of the tile. Bleaches and alkaline cleaners can be especially problematic and may require multiple rinsing applications to remove.
- Follow manufacturer's instructions when using cleaning chemicals. Some of these can be hazardous when mix together or otherwise misused.
- Always use the specified personal protective equipment (PPE) when using cleaning chemicals.
- Commercial applications may require specialized equipment, chemicals, and procedures.
- Squeegee, wipe, or vacuum the floor dry after rinsing.
- Always test a small area first, prior to using chemicals on a larger area.
- Some cleaning products may leave a slick residues, these need to be removed.
- Consult a cleaning chemical company for the suitability of products on porcelain tile, especially for polished finishes.
- End use conditions may vary widely so these recommendations may not work in all situations.

Product	Glass Tiles	Metallic Tiles	Polished Technical Porcelain	Glazed Polished Porcelain
<b>Do</b>	Use cleaners suitable for glass	Use a mild cleaner with a neutral pH	Pre-seal (or grout release) prior to installation	Use a penetrating sealer after installation
<b>Don't</b>	Don't use cleaners with abrasives or fluorine	Don't use abrasive or oxidizing chemicals (like bleach)	Don't use in areas where there is a higher potential for liquid/chemical spills. Don't use acidic cleaners	Don't use in areas where there is a higher potential for liquid/chemical spills. Don't use acidic cleaners