

Effective Grout Cleaning & Restoration

IN 2 EASY STEPS

For routine cleaning and maintenance, Theochem recommends a neutral cleaner to clean and maintain tile and grout in kitchens, restrooms and other wet areas. But sometimes, a neutral cleaner is just not enough. In these cases, a 2-step system consisting of an Alkaline Cleaner to remove built-up soils, and an Acidic Cleaner to restore and brighten, is your best choice for renewed tile grout.

Use an **Alkaline Cleaner** as the **First Step** in grout restoration, to lift away surface soils.

Use an **Acid Cleaner** as the **Second Step**, to brighten grout and remove deep set stains.

Clean Grout and Tile with an

ALKALINE

CLEANER

Alkaline cleaners react with organic (acidic) soils, loosening and lifting away wax, grease and oils from the surface, so you may easily wipe or mop away.

Alkaline cleaners are also ideal for large soiled surface areas, such as tile grout in floors, showers, and in industrial settings.



We recommend **T-5 Green 0481**, as a highly effective, concentrated alkaline cleaner and degreaser to lift away surface soils and build-up.

As an **Earth Friendly** option, use **EF Peroxy Orange Concentrate 1704**.

Alkaline cleaners are generally safe for use on all tile and grout surfaces, including natural stone tile. These cleaners are recommended for occasional maintenance only as they can break down finishes and sealers. *Always test an inconspicuous area prior to using any alkaline cleaner on tile, grout, or other surfaces.*

Restore and Brighten with an

ACIDIC

CLEANER

Acid cleaners tackle the stains that alkaline cleaner can't reach, by etching or removing a micro surface layer of the grout.

Acid Cleaners also remove mineral deposits, rust and hard water stains, in addition to etching the grout surface for final step of application of sealer.



We recommend **PTC-85 0926**, a unique blend of acids and detergents, designed to release deep set stains and remove mineral build-up.

As an **Earth Friendly** option, use **EF Bathroom Cleaner Concentrate 1701**.

Following the use of an acidic product, rinse all surfaces with an Alkaline solution to neutralize the acid. Allowing the tile and grout to remain in an acidic state can wear away the grout over time. **Never use an acid cleaner on natural stone tile.** *Acid will etch stone. Always test a small area prior to use of any cleaning product.*

Step-by-Step Instruction Guide for Grout Restoration

Clean Grout and Tile with an **ALKALINE** CLEANER



Step 1:

Clean grout with Alkaline Cleaner.

For Restoration: Dilute T-5 Green at 1:3 with warm to hot water.

For General Cleaning & Maintenance: Dilute T-5 Green at 1:16.

Apply solution with bottle and trigger sprayer, mop and bucket for floors, or with pressure washer for large areas. Allow diluted product to remain on surface for several minutes, extending time for heavily soiled areas. Rinse surfaces thoroughly with clean water, and allow surface to dry.

Step 2:

Restore grout with Acidic Cleaner.

For Restoration: Use PTC-85 full strength.

Mask off any areas or surfaces not compatible with this acid cleaner. Apply product to grout lines with bottle and plastic trigger sprayer, or pour directly on grout from bottle. Use a brush to agitate product to assist with the cleaning process. Thoroughly rinse treated surfaces with clean water.

Alkaline Rinse: Dilute T-5 Green at 1:64 with water, and rinse all surfaces a second time to neutralize the acid. Allow surface to dry completely.

Restore and Brighten with an **ACIDIC** CLEANER



IMPORTANT: Always protect skin and face with appropriate PPE, and test small area prior to using these or any products. Never mix chemicals, especially alkalines with acids.

