



Globally Proven
Construction Solutions

STONETECH® Maintenance & Care

Terrazzo Tile - Honed

MCI-1101

NOTE: For all recommended products: read the entire product label before using. Use only as directed. Always test in a small inconspicuous area with a 24-hour cure time to determine ease of application and desired results. Avoid skin and eye contact. Always wear appropriate safety equipment during product use.

Resin matrix terrazzo is an extremely durable building material. Once installed, the exposed terrazzo surface will require only simple maintenance and care to preserve its beauty.

Proper surface care is the key ingredient in maintaining the tile's appearance. Proactive treatment to resist staining coupled with regular surface cleaning is the best defense against any potential surface issue. A regular cleaning routine is necessary to keep a floor looking its best. A good cleaning routine takes into account daily maintenance as well as monthly and semi-annual tile surface services.

MAINTENANCE AND CARE

Routine, daily maintenance will involve keeping dirt, dust and other soiling from building up. Spills, food and other potential staining materials need to be cleaned up in a reasonable period of time. Regular sweeping and light damp mopping is advisable.

Monthly cleanings are often a simple scrubbing wash and rinse using a neutral pH stone & tile cleaner. This type of cleaning can be accomplished using a bucket and mop while a wet/dry vacuum is helpful for cleaning big floors. For commercial applications a swing machine fitted with a brush or pad or an auto scrubber will help maintain larger installations.

Regular Maintenance Cleaning

Highly alkaline, acidic, ammonia based, and/or abrasive cleaners, or bleach may damage the terrazzo tile and may also degrade the sealer, adversely affecting stain repellency. The use of a pH neutral cleaner specifically formulated for stone & tile is the best assurance of not harming the terrazzo or degrading any applied sealers.

For routine cleaning of this honed terrazzo tile STONETECH® Stone & Tile Cleaner is the preferred cleaner. Prepare a solution of STONETECH Stone & Tile Cleaner concentrate mixed with water based on these ratios:

USE	STONETECH® Stone & Tile Cleaner	Warm Water
Heavy Duty	1 part	32 parts
Light Duty	1 part	64 parts

- For damp mopping or spray and wipe cleaning:
 - Apply mixed solution with a damp mop or trigger sprayer.
 - Work surface with wrung out mop or clean towel. Wipe dry or allow to air dry.
 - When damp mopping, change mop water often to ensure that soil is not re-deposited.
- For hand or floor machine cleaning:
 - Apply mixed solution with a mop, sponge or pump type sprayer. Thoroughly wet surface and allow to soak for a few minutes.
 - Agitate/scrub surface with mop, deck brush, or standard 175rpm floor machine fitted with an appropriate scrub pad or brush.
 - Remove cleaning liquid with mop, bucket and wringer or wet/dry vacuum. Scrubbed areas can be allowed to air dry or rinsed thoroughly with fresh water and vacuumed or air dried.
- Let area dry completely before allowing foot traffic to resume.

Heavy Duty Maintenance Cleaning

Heavy cleaning is sometimes needed to maintain a tile surface in high traffic areas or after being exposed to materials which may require more aggressive cleaning. A method for this type of cleaning is outlined below. Please note that existing sealers are often degraded or stripped out of the tile when using stronger cleaning chemicals or techniques are employed. Resealing is often necessary after this type of cleaning to maintain a stain resistant surface.

Use the STONETECH® KlenzAll™ for this heavy duty cleaning. Prepare a solution of STONETECH KlenzAll concentrate mixed with water based on these ratios:

Use	STONETECH® KlenzAll™ Cleaner	Warm Water	pH
Heavy Duty	1 part	2 parts	11.3
Spray Refill	1 part	4 parts	11.0
Light Duty	1 part	8 parts	10.7
Acid Neutralizer	1 part	32 parts	10.5

1. Apply mixed solution with a mop, sponge or sprayer. Avoid applying cleaner on unintended surfaces.
2. Lightly rub with a scrub brush or floor machine as needed.
3. Remove solution using a sponge, wet/dry vacuum or damp mop.
4. Rinse area well with clean water. Vacuum or mop to remove rinse water.

Once the surface is dry, reseal with STONETECH BulletProof® Sealer as needed.

Surface Protection

Proper tile floor care begins with protection. For this honed terrazzo surface, STONETECH BulletProof Sealer is the preferred protector to provide high quality resistance to water or oil borne stain. Spills picked up in a timely manner will be prevented from absorbing into the tile surface and creating a difficult to remove stain. Allow new installations to cure for a minimum of 72 hours prior to application of sealer.

STONETECH BULLETPROOF Sealer Application

1. The terrazzo tile surface must be clean and free of previous sealers, waxes and coatings. Sealer maybe applied to damp surfaces however a dry surface is always preferable. Surface temperature should be between 10°C – 29°C. Ensure that area is well-ventilated during application and until the surface is dry. Prevent foot traffic in area until treated surface is dry.
2. Mask off any surfaces not intended to be treated.
3. Working in manageable sections, liberally apply an even coat using a paint pad, roller, brush or lowpressure sprayer.
4. Allow sealer to penetrate the surface for 10-15 minutes. During this time, keep the surface wet with sealer, adding more sealer as needed. **DO NOT ALLOW SEALER TO COMPLETELY DRY ON THE SURFACE.**
5. At the end of the dwell time, thoroughly wipe the entire surface dry with clean absorbent towels, a floor machine fitted with cotton bonnet or any similar absorbing technique that removes all remaining sealer from the stone surface.
6. A second coat of sealer may be applied if desired and it should be applied, as directed in steps 3-5, 30-40 minutes after the first application.
7. Should a sealer residue appear, rewet the impacted section of the surface with sealer. Agitate the surface with a white nylon scrubbing pad to loosen residue and wipe completely dry with a clean, absorbent towel.