STONETECH® Maintenance & Care for Terrazzo Tile – Honed MCI 101

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 the floor looking its' best. A good cleaning routine considers daily maintenance and monthly and semi-annual tile surface services.

NEW INSTALLATION PRE-GROUT TREATMENT

Grouting cleanup is often easier when the stone is sealed prior to grouting. Terrazzo tiles can be susceptible to grout staining and may benefit from sealing prior to grouting.

A simple water test can be performed to identify if the tile is porous. If the terrazzo darkens after applying water to the stone surface and waiting for 5 minutes, the tile is absorbent and applying a sealer prior to grouting may aid in cleaning up after grouting. On a terrazzo tile that does darken with water a single application of sealer is sufficient as a pre-grouting treatment.

For a pre-grout sealer application:

STONETECH® BulletProof® Sealer

Read the entire 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. Make sure the surface is clean and free of waxes and coatings. STONETECH® BulletProof® Sealer may be applied to damp surfaces one hour after standing water has been removed. Surface temperature should be between 50°F - 90°F (10°C - 32°C). Ensure that the area is well-ventilated during application and until the surface is dry. Avoid heavy foot traffic, children, and pets in the treated area until fully dry.

1. Shake well with cap closed.
2. Mask off any surfaces not intended to be treated.
3. Apply a liberal, even coat with a paint pad, roller, brush, or low-pressure sprayer. Product may appear opaque or milky when applied but it will dry clear. Ensure to work in manageable sections.

4. Allow the 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 surface.
6. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30-40 minutes from the initial application as directed in steps 3-5.
7. If sealer residue appears, reapply a small amount of sealer to the affected area. Allow it to dwell for 3–5 minutes, then agitate the surface with a white nylon scrubbing pad to loosen the residue. Wipe the area completely dry with a clean, absorbent towel.
8. Allow sealer to cure for 24 hours prior to grouting.
9. Clean tools used during application with water.

Refer to DS 282.0 for more information.

MAINTENANCE AND CARE

STONETECH® Stone & Tile Cleaner

Routine, daily maintenance will involve keeping dirt, dust, and other soiling from building up. Spills, food, and other potential staining materials must be cleaned up in a reasonable 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

1. 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.

2. 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.
3. Let the area dry completely before allowing foot traffic to resume.

Heavy Duty Maintenance Cleaning

STONETECH® KlenzAll™

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 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 the 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 honed terrazzo surface, STONETECH BulletProof Sealer is the preferred protector to provide high quality resistance to water or oil borne stain. Spills picked up promptly will be prevented from absorbing into the tile surface, creating difficult to remove stain. Allow new installations to cure for at least 72 hours prior to applying sealer.

STONETECH® BulletProof® Sealer Application

The terrazzo tile surface must be clean and free of any previous sealers, waxes, or coatings. While the sealer may be applied to a damp surface, a dry surface is recommended for optimal results. Ensure the surface temperature is between 50°F and 90°F and maintain adequate ventilation during application and

until the surface is fully dry. For best results, keep heavy foot traffic, children, and pets out of the treated area until completely dry.

1. Shake well with cap closed.
2. Mask off any surfaces not intended to be treated.
3. Apply a liberal, even coat with a paint pad, roller, brush, or low-pressure sprayer. Product may appear opaque or milky when applied but it will dry clear. Ensure to work in manageable sections.
4. Allow the 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 may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30-40 minutes from the initial application as directed in steps 3-5.
7. If sealer residue appears, reapply a small amount of sealer to the affected area. Allow it to dwell for 3–5 minutes, then agitate the surface with a white nylon scrubbing pad to loosen the residue. Wipe the area completely dry with a clean, absorbent towel.
8. A full cure is achieved in 24-72 hours. Use of the treated surface may resume in 6-8 hours. If use of the surface must resume sooner, cover the treated surface with red rosin paper to protect it until full cure has been achieved.
9. Clean tools used during application with water.

Refer to DS 282.0 for more information.

Maintenance & Care Instructions are subject to change without notice. For latest revision, check our website at https://laticrete.com

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