# todd.

Style – Toddrazzo

Material – Precast Epoxy Terrazzo

Format – Straight Edge Tile

Size – 3/8” x 24” x 24”

Color – Blizzard

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Terrazzo Program
Order samples at:
415-720-9800
todd@toddcontract.com
www.toddcontract.com

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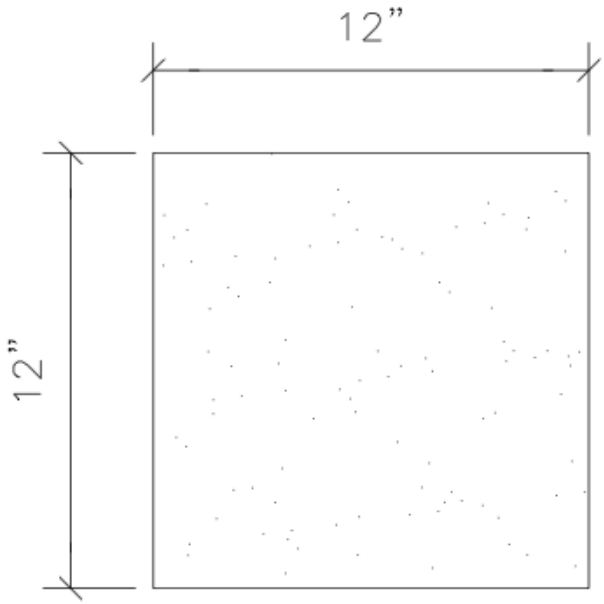
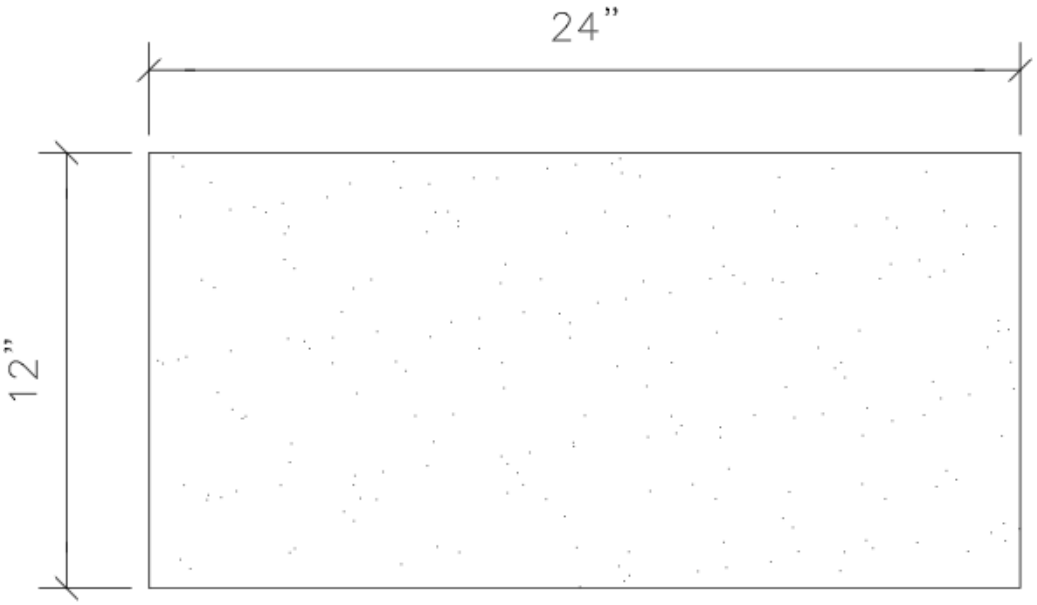
NOTES

FINISHED THICKNESS: 3/8"

SAW CUT EDGES




STRAIGHT BASE ELEVATION
Scale: 6" = 1'-0"




STRAIGHT BASE SECTION
Scale: 6" = 1'-0"

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# Technical Data

| Measure | Standard | Result |
|---|---|---|
| Hardness | ASTM D 2240 with Shore D Durometer | 75-85 |
| Tensile Strength | ASTM D 638 | 4800 psi min. |
| Flexural Strength | ASTM D 790 | 4500 psi min. |
| Thermal Coefficient of Linear Expansion | ASTM D 969 | 25x10-6 inches per inch per °F to 140°F maximum<br>11.4x10-7 cm per cm per °C to 60°C maximum |
| Abrasion Resistance | ASTM D 4060 | .35 grams lost |
| Compressive Strength | ASTM D 695 | 13,920 psi minimum |
| Fungus and Bacterial Resistance | MIL F 52505 4.4.2.11 | Will not support fungal or bacterial growth |
| Water Absorption | ASTM D 570 | 1% |
| Chemical Resistance | ASTM D 1308 Seven days at room temperature by immersion method | No deleterious effects:<br>• Distilled water<br>• Mineral oil<br>• Ethanol<br>• Isopropanol<br>• 0.025 Detergent solution<br>• 1% soap solution<br>• 10% Sodium Hydroxide<br>• 10% Hydrochloric Acid<br>• 30% Sulfuric Acid<br>• 5% Acetic Acid |

*Dynamic Coefficient of Friction is dependent upon the sealer used.

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# Installation

A. Terrazzo contractor shall install precast terrazzo units as follows:
   1. ANSI 108.05 is the standard specification for setting tile with latex-portland cement thinset mortar; ANSI 108.06 is the standard specification for setting tile with epoxy adhesive.
   2. Precast Terrazzo Base: Use (latex-portland cement mortar) or (epoxy adhesive) to install precast terrazzo base over substrates indicated according to ANSI 108.5 or ANSI 108.6.
   3. Keep following subparagraph if precast stair units are set on concrete stairs and landings or concrete filled treads and landings. ANSI 108.05 is the standard specification for setting tile with latex-portland cement thinset mortar; ANSI 108.06 is the standard specification for setting tile with epoxy adhesive.
      a. Precast Terrazzo Stair Units: Use latex-portland cement mortar or epoxy adhesive to install treads, risers and landings over concrete substrates according to ANSI 108.5 or 108.6.
   4. Keep following subparagraph if precast stair units are set on steel risers or steel plate stairs and landings.
      a. Precast Terrazzo Stair Units: Use epoxy adhesive to install treads, risers and landings over steel substrates according to ANSI 108.6.

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# Caring for Your Terrazzo

## *Suggested Maintenance of Precast Terrazzo*

Your precast terrazzo can be easily maintained. This does not mean that your precast terrazzo is maintenance free. It is important to understand the care requirements in the early stages of your new precast terrazzo to get it to look its best and realize the long-term benefits of its low maintenance cost.

Your precast terrazzo has been sealed *(PLEASE NOTE: countertops slabs are unsealed and will need to be sealed)* with a penetrating sealer to provide you with the time to clean up any spills or other foreign matter without the precast terrazzo staining or being adversely affected.

We recommend that you do not wax your precast terrazzo. If you choose to wax your precast terrazzo, then you should refer to the wax manufacturer's maintenance procedures for maintaining your waxed precast terrazzo.

Your precast terrazzo is a combination of a binder of either epoxy or cement with various aggregate. Most of the aggregate and fillers are made from natural marble stone. This maintenance procedure will still apply if your precast terrazzo contains glass, mother of pearl or other aggregates.

**PRECAUTIONS**

Harsh cleaners can damage your precast terrazzo. Only products that have a neutral pH (factor of 7.0) should be used to clean your precast terrazzo.

SEALERS: Permanent sealers can damage your precast terrazzo. We recommend that you do not apply any acrylic, urethane or other topical sealer products to your precast terrazzo. If you do apply another sealer to your precast terrazzo, then use a water-based sealer.

**CLEANING PROCEDURE**

Your precast terrazzo must be cleaned with a neutral pH cleaner. Neutral cleaners are designed to react only in solution with clean water, mixed in accordance to the manufacturer instructions, and allowed to remain on the floor surface for several minutes. Do not allow the solution to dry on the surface. Rinse the precast terrazzo with clean water and remove the dirty solution from the floor by a squeegee, vacuum, or mopping.

CLEANERS: Neutral pH cleaners are readily available. You should contact your cleaning supply company for recommendations. Examples of cleaners that are suited for terrazzo floors are:

EcoLab (Stone Medic)—TCC Terrazzo Cleaner/Conditioner
Diversey—Stride Cleaner
Majestic Stone Care—Stone Soap
Buckeye—Crossbow, Straight-Up or True Seven
Spartan—Damp Mop or Marble Mop

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# 1-Year Limited Warranty

Venosa warrants that manufactured products will be free from defect for a period of one year from date of purchase. Defect is defined as a shortfall in the product to perform to Venosa specifications as disclosed in product literature, within industry-allowable tolerances as set forth in standard, national industry protocols.

**THIS ONE-YEAR EXPRESS WARRANTY IS THE SOLE WARRANTY EXTENDED AND REPLACES ANY STATUTORY WARRANTIES TO THE MAXIMUM EXTENT ALLOWABLE BY LAW.**

Customer misuse including negligence, physical, or chemical abuse is not covered by this warranty. Installation defects are not covered by this warranty. All warranty claims must be reported immediately. Failure to report any warranty claim within 30 days of defect discovery will void this warranty. All products must be inspected prior to installation. Visual defects or nonconformities apparent prior to installation voids this warranty.

Tile is subject to variation in technical specifications due to inherent variability in the raw materials and production process. Express technical specifications are not guarantees of minimum or maximum thresholds of performance. Unless specifically stated otherwise, tile recommended for floor, wall and countertop applications refers to interior applications only. Local building codes may dictate minimum tile performance specifications. Venosa does not warrant product installations that violate building codes. Photographic color images may not be an exact product match. Product samples are representative only. Express color match warranties are only extended to actual product samples.

Venosa manufactures its products using various aggregates including marble. Marble is a product of nature. Variations such as veining, color shades and spots are to be expected. Minor variations from the sample to the manufactured product should be expected due to the variations in the aggregates.

**Implied Warranties Limited in Duration and Scope**

Any implied warranty applicable to the product sale, including the implied warranty of merchantability or the implied warranty for fitness for a particular purpose is limited in duration to the duration of this written warranty or the maximum statutory period, whichever is less.

**Implied Warranty of Fitness for a Particular Purpose**

Venosa provides information in its product literature and website with regard to applications for its products. In these specified applications, Venosa limits the duration of the fitness for a particular purpose to one year or the maximum statutory period whichever is less. Failure to comply with recommended applications voids this warranty.

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**Remedy Limitation and Disclaimer**

If a defect in materials or workmanship is discovered within the one-year period, Venosa will either refund the price of the product or provide a replacement product after a reasonable number of attempts to remedy product defects. Buyer's remedy is limited to replacement or repair of the defective product. No consequential (including, but not limited to, lost profits) or incidental damages are recoverable. Venosa disclaims all express warranties not contained in this limited express warranty.

**To Make a Claim**

The original purchaser must notify Venosa in writing within 30 days of the occurrence of any defect. After notification, Venosa or an authorized representative will inspect and/or test the product for defect and complete a Product Claim Action form. No claim will be honored without product inspection by Venosa or an authorized representative. Upon determination that the product defect claim is valid, Venosa will notify the purchaser in writing. Venosa reserves the right to repair, replace or refund the originally purchased product, at its sole discretion.