

VADAZZO

FORM FUNCTION FASHION FUTURE

FLOORS FOR A LIFETIME

**TERRAZZO
SYSTEM POURED
IN PLACE & PRECAST**



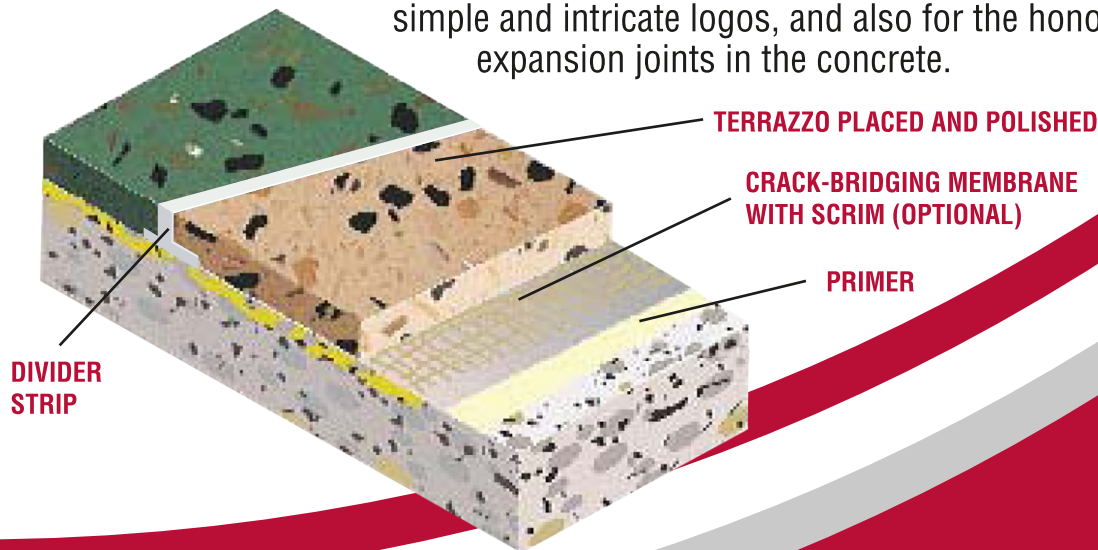
VADEL INC.

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TERRAZZO SYSTEM

Terrazzo Cross Section

Below is a cross section of a Terrazzo flooring system. It combines high solids, pigmented epoxy resin with colored marble, granite chips or other approved aggregates in a troweled mortar system. This mortar is then ground and polished to reveal the natural beauty of the aggregates surrounded by the coordinating epoxy matrix. It is available with a flexible membrane for added adhesion, toughness, durability and waterproofing. Metal divider strips are used to separate colors, allow for the designing of simple and intricate logos, and also for the honoring of expansion joints in the concrete.



Understanding Aggregates

DISSECTING A TERRAZZO SAMPLE

Aggregate for Terrazzo can include traditional choices such as marble and granite in a myriad of colors . These can be sourced from local quarries and from around the world. Options such as Mother of Pearl and shells are also commonly used.

Epoxy resins offer endless color options and increased binding capabilities. This allows the use of post-consumer recycled glass, mirror, plastic, porcelain and concrete.

The above sourced ingredients are crushed, ground and put through a screening process to regulate sizing which can range from #00 at 1/16” through #8 at 1 1/8” in size.

EPOXY RESIN
Combined with Terrazzo aggregates, the epoxy resin can be tinted to match any color.



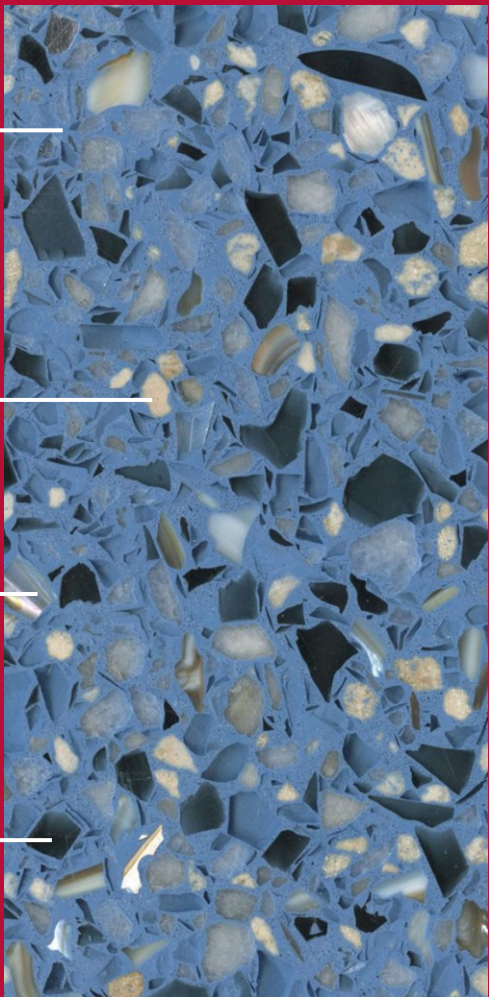
MARBLE CHIPS
Terrazzo surfaces can include a mixture of marble or granite chips. Shown here is Coral.



SHELL CHIPS
Regional seashells can be included in a Terrazzo design, such as Mother of Pearl, to reflect the lighting.



GLASS CHIPS
Recycled glass chips come in many different colors making the Terrazzo a vibrant and eye-catching feature.



Limitless Color, Limitless Design



Terrazzo offers easy LEED contributions. This can be obtained through the choice of materials used in a Terrazzo installation such as using post-consumer recycled glass or selecting locally-sourced materials that reduce carbon footprint.

TERRAZZO PRECAST

One of the great benefits of Terrazzo is that it can be manufactured as precast products. Stairs, walls, shower panels, and counter tops can all be custom made for any project. Each individual piece is created with care by our artisan craftsman in our manufacturing facility.

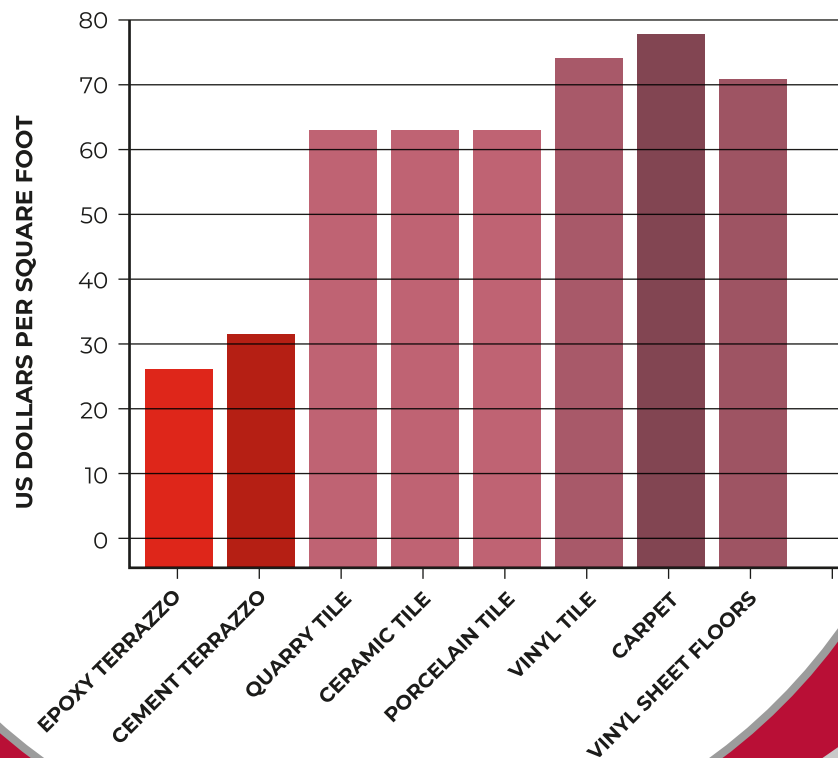
Making Precast Terrazzo

Precast Terrazzo shares the same properties as a poured-in-place Terrazzo floor. To form precast, a combination of aggregates is used with either an epoxy or cement binder. Typically, precast is created into a pre-fabricated mold, which is removed and cut into precise dimensions then polished to a quality finish.

- Cove wall base
- Straight wall base
- Wall panels
- Stair tread and riser combinations
- Benches
- Shower panels



40 Year Lifecycle Cost Comparison



BENEFITS

Long Lifecycle

Terrazzo is designed to last the lifetime of a building. By installing a Terrazzo floor you can eliminate the need for repetitive, costly, inconvenient repair and replacement that are associated with other flooring types.

Low Ownership Costs

Although Terrazzo may seem expensive upfront, when you factor in the one-time installation cost combined with low-maintenance costs over the lifetime of a Terrazzo floor, it remains as one of the most cost-effective flooring options available (see chart).

Design Capabilities

Due to the endless combinations of glass, aggregate, mirror and combined with an endless array of epoxy colors, Terrazzo can be used to create any possible design.

Environmentally Friendly

Terrazzo ranks as one of the most environmentally-friendly flooring types available. It has no volatile compounds and has zero off-gassing. This contributes to indoor air quality and the overall health of the building.



Floors For A Lifetime

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