



GENERAL

GUAVA TERRAZZO INFORMATION

Guava Terrazzo is composed of recycled natural stone in an eco-friendly cementitious matrix. The material is inert and has much the same properties as granite or marble slabs. The terrazzo is processed into a large block, cut into slabs on a gang saw, and polished. This gives the slabs a consistent pattern with natural stones through the entire body of the slab.

Guava Terrazzo is generally available in 1.8cm (.7") thickness with one side polished. The dimensions are typically 270cm x 160cm (106" x 63"). This thickness is preferable in that it lowers the carbon footprint involved in shipping, due to the fact that a higher volume of slabs can be shipped this way. For projects, large special orders, and high-custom orders, we can accommodate thicknesses up to 4cm (1.6"), slab heights of up to 178cm (70"), and various finishes including honed and leather surfaces.

The slabs can be used for a variety of purposes, including kitchen countertops, vanities, standalone table tops, outdoor BBQ countertops, wall and floor applications. Guava Terrazzo can be used in both interior and exterior applications. For floor applications, slabs can be cut up to 60cm x 60cm (24" x 24") in size, and need to be laid by a professional tile setter using a proper substrate (i.e. Thin set).

Guava Terrazzo is a cementitious (cement based) product, and as such is susceptible to scratches and staining, similar to natural marble. Care must be taken to properly seal the surface with a high quality industrial grade sealer and to follow our other care and maintenance instructions.

The natural stones used in Guava Terrazzo are high quality and can contain defects and surface irregularities inherent to natural stone. The cutting and polishing processes strive to remove as many natural defects as possible, but surface pits or gaps in the natural cannot be fully avoided.

PRODUCT

TECHNICAL SPECIFICATIONS

Test Performed	Test Method	Results
Flexural Strength	ASTM C-880	15.1 MPa
Compressive Strength (wet)	ASTM C-170	78.6 MPa
Compressive Strength (dry)	ASTM C-170	89.8 MPa
MOHS Hardness	Scratch Test	5.0-6.0
Water Absorption	ASTM C-97	1.01%
Density	ASTM C-97	2.45 gr/cm ³
Combustion Performance	EN 13501	Class A1
Smoke Toxicity Level	GB/T 20285	Class A1
Abrasion resistance	ASTM C-241	16mm
Radionuclide Level Index	GB 18601	Class A

EXECUTION

FABRICATION TIPS

Terrazzo slabs are similar to natural stone when cutting and edge polishing. Moving and handling the slabs must be done with care to avoid impairing the structural integrity of the slab. Banging or putting undue torsion on the slab may cause cracking or chipping.

Care must be taken to ensure the material is cut properly to avoid chipping and loosening of the natural stone pieces. It is our experience that a diamond blade that is suitable for marble, at a high speed, is conducive to making clean cuts. Making step cuts is also recommended, making the first cut about 50% through the material and then doing a second cut all the way through. This will allow the blade to make a cleaner cut. It is advisable to make several practice cuts first to learn what works best for a clean cut.

Although the surface is polished, it is still a cement-based product and it is **highly recommended** that the finished product be sealed with an industry standard stone impregnator or sealer such as Granquartz 314P Premium Impregnator or Bellizoni Idea Gold.

Installation is also similar to natural marble, and again care must be taken to ensure there is no damage to the fabricated pieces while being installed. This should only be done by professional installers. The slab must be supported by a substrate that is firm (i.e. $\frac{3}{4}$ " plywood) and level. An inadequate and uneven substrate may eventually cause cracking.

Adam Stonetech Ltd, the supplier of Guava Terrazzo, will NOT be held responsible for any problems due to fabrication or installation of Guava Terrazzo material, nor are these processes covered by our warranty. It is incumbent upon the fabricator to properly fabricate, install and seal the material.

CARE AND MAINTENANCE

Guava Terrazzo is a high quality, low maintenance surface that, if properly cared for, will last a lifetime. By following these few simple instructions, your Guava Terrazzo surface will be maintained in good condition and retain its original beauty.

- For general daily cleaning, use mild soap and warm water, and rinse thoroughly for the best result.
- For spots and products that may stain, use a soft cloth or a non-scratch scrub pad, and a mild non-abrasive cleanser, with a neutral PH. Excessively high or low PH might damage the surface. Try to remove all potentially staining products as soon as possible.
- For dried residue, a flat object such as a plastic knife can be used to gently scrape off the sticking material.
- Almost any material, no matter how tough, is susceptible to scratching, and Guava Terrazzo is no exception. Never chop or cut directly on the quartz surface, but always use a cutting board or some other protective surface to prevent scratching.
- Guava Terrazzo is a cementitious based surface, so it is highly heat resistant. However, direct contact with extremely high heat can cause damage due to rapid temperature change. It is recommended to use a hot pad or trivet for very hot objects.
- Take care to avoid spilling harsh chemicals such as drain cleaners, paint strippers, oven cleaners, bleaches, etc. on your Guava Terrazzo countertop. Guava Terrazzo can be permanently damaged by exposure to strong chemicals and solvents that undermine its physical properties. Should your surface accidentally be exposed to any of these damaging products, rinse immediately with water to neutralize the effect.
- Terrazzo has a porosity similar to granite and marble. Typically, fabricators will apply a sealer to your Terrazzo countertop before installation (please ask your fabricator for more details). This ensures a long lasting impermeable finish that seals the natural pores in the material. However, it is a good practice to re-seal your countertop surface on a regular basis, typically about once a year. There are many good sealers available on the market. Some high quality ones we would recommend are Granquartz 314P Premium Impregnator, 313P Premium Water Based Impregnator, 413S Professional Impregnator, and Bellizoni's Idea line of high-grade sealers.