

FIVE MILE RADIUS

INTRODUCING WASTE TERRAZZO

Waste Terrazzo is an innovative concrete surface formed entirely from Australian construction and demolition waste. By delving into the city's construction cycle, Five Mile Radius has created Australia's only decorative concrete surface made entirely from waste. Used for benchtops, tables, seats, and more, each unique, made-to-order Waste Terrazzo surface combines excess wet concrete with crushed demolition debris or other waste to produce a beautiful, customizable surface.

Cement is the second most consumed resource in the world after water, and concrete production accounts for over 8% of carbon emissions worldwide. Innovations like Waste Terrazzo are essential at every stage of production to help reduce this impact.

COMPOSITION

1. Solid Concrete Surface

The main component of Waste Terrazzo is waste concrete sourced from construction sites oversupplied with wet concrete. This practice prevents this virgin resource from ending up in landfills. The concrete we use is typically plain grey with a black or neutral-colored stone base.

2. Waste Aggregate

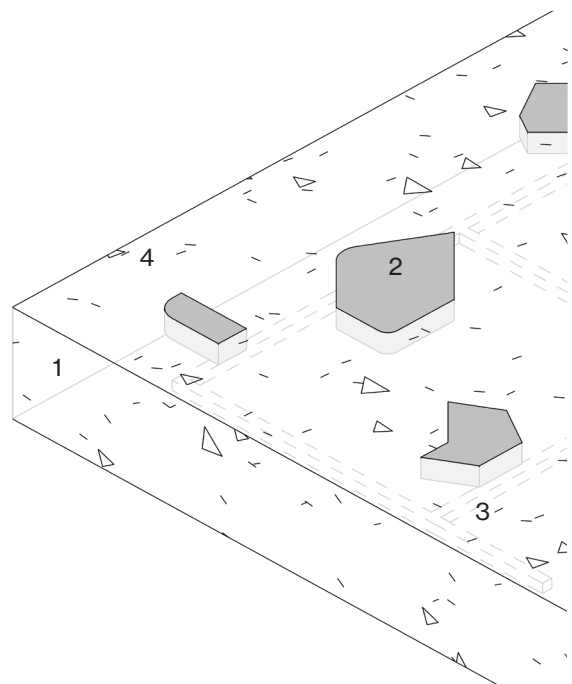
Now for the exciting part! Every Waste Terrazzo surface is decorated with smashed construction debris or other waste. We gather old bricks, tiles, pottery, brass, copper, and plastics, creating a surface that can be loud and colorful or simple and minimal, depending on your specifications.

3. Steel Reinforcing

Within each Waste Terrazzo Slab is a band of invisible steel reinforcing. This steel, also sourced as waste from local suppliers, gives added strength to the finished product.

4. Glass-like Finish

Our slabs undergo polishing in our workshop to achieve a glass-like finish. The shine is attained through the simple mechanical action of thorough polishing, rather than the application of varnishes or glues. Additionally, we apply a water-based topical sealant to the surface of each piece, preventing staining during use without altering the appearance of the polished surface.



SURFACE DECORATION

Our typical surface finish incorporates smashed ceramic tile and brick. We are happy to discuss customising the design or colourway to suit your project.

Clients may also include their own decorative materials for a custom finish.

We have worked with:-

- Brass and copper
- Brick
- Crystal
- Crockery
- Varied plastics



SHAPES AND SIZES

Waste Terrazzo is available as both custom furniture or standalone slabs. Every piece outside of our standard range is made to order.

Our in-house designers and fabricators can help you design your perfect dining table, bench, stool, coffee table or custom piece. We use only recycled steel and timber to create the frames or legs needed for furniture pieces.

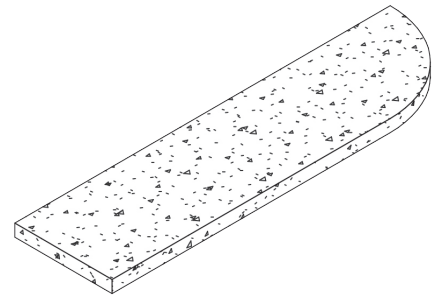
Alternatively we fabricate solid slabs to your dimensions for a wide variety of uses from kitchen benchtops, to bathroom vanities, etc.

Please get in touch with our team and we'll do our best to make your wildest Waste Terrazzo dreams come true!

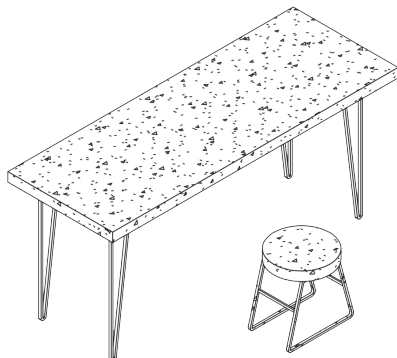
Dining Tables and coffee tables



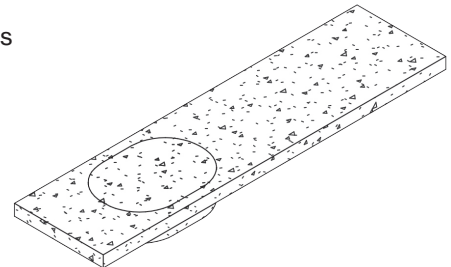
Kitchens



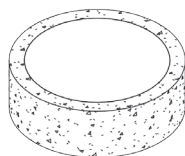
Dining tables and chairs



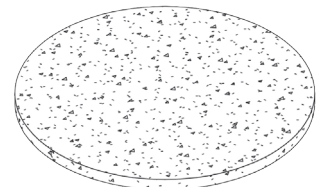
Bathrooms



Custom Pieces



Customs Shapes



ADDITIONAL INFO

DESIGN INFO

Slabs are made to size, and typically 40mm thick. We will calculate the weight of each slab when we provide our quote. It is the clients responsibility to ensure adequate structural support however our team is happy to review any documentation you provide.

We require a minimum of 80mm of concrete surrounding cutouts for sinks and cooktops.

INSTALLATION

Five Mile Radius does not generally install individual kitchen and bathroom benchtops, however we're here to help coordinate installation requirements with your architect, project manager or builder. We are happy to deliver and install freestanding furniture in Brisbane.

Benchtops are typically delivered on a pallet to site in consultation with the site manager.

LEAD TIME

Made-to-order slabs take 6-8 weeks to manufacture following a 50% payment on your invoice.

PRICING

Made-to-order slabs are generally priced from a SQM rate for the concrete with an additional cost for any table frames. Table frames are an additional cost quoted

Very complex, intricate or large benchtops may attract additional costs.

CARE INSTRUCTIONS

Your benchtop will be sealed with a topical water-based low VOC sealant. The benchtops are hardwearing and suitable for use internally and externally.

They can be wiped clean with mild soap and water. Do not use bleach, ammonia, caustic or abrasive cleaners, *(including citric acid or vinegars)*.

WARRANTY

Five Mile Radius warrants the original purchaser that we will repair or replace the table or benchtop without charge if the product fails as a direct result of the defect in its manufacture..

This warranty excludes:

- Physical damage resulting from mistreatment, negligence, excessive heat or moisture
- Physical damage resulting from general wear and tear including minor edge chipping or scratching.
- Any minor surface irregularities, chips, pinholes, cracks or discolorations, consistent with information supplied on our brochure
- Where the product is installed with known or visible manufacturing defect at time of installation
- Damage following a failure to follow supplied care instructions
- Damage occurring around undermounted sinks.

Any claim under the warranty will be void if

- The claim is not made to Five Mile Radius within 1 year of purchase, (this is an industry standard for the majority of stone benchtops)
- The claim is not registered with Five Mile Radius within a reasonable time of the defect becoming apparent.

Our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Address: Five Mile Radius,
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