



TERRAZZO  
BRAND PRODUCTS

CONCORD  
TERRAZZO  
COMPANY

# PRODUCTS & SERVICES BROCHURE



# TABLE OF CONTENTS

<u>ABOUT US</u>	4
<u>OUR APPROACH</u>	6
<u>PROCESS</u>	8
<u>ADVANTAGES</u>	9
<u>SUSTAINABILITY</u>	10
<u>TERRAZZCO®</u>	12
<u>EPOXY RESIN</u>	14
<u>AGGREGATES</u>	18
<u>CHIP SIZES</u>	22
<u>AGGREGATE BLENDING</u>	24
<u>PRECAST TERRAZZO</u>	26
<u>DESIGN SERVICES</u>	32
<u>TERRAZZO SAMPLES</u>	34
<u>WATERJET LOGOS</u>	36
<u>UNIVERSAL GRINDING PLATES</u>	38
<u>PRODUCT INSTALLATIONS</u>	40

## SINGLE SOURCE



Concord Terrazzo Company supplies high-quality terrazzo materials, including TERRAZZCO epoxy resins, aggregates, and precast terrazzo, all from a single location in Charlotte, North Carolina. By centralizing the supply chain, Concord Terrazzo offers efficient and streamlined logistics, reducing lead times and saving customers time and resources.

Concord Terrazzo's commitment to innovation, sustainability and quality has made us a trusted supplier to construction professionals, and offers everything needed to complete projects on time and within budget.

# ABOUT US

At Concord Terrazzo, we prioritize providing top-quality terrazzo products and services that endure the test of time to our esteemed architects, designers, and construction experts.

As a leading manufacturer of epoxy terrazzo in the United States, we offer TERRAZZCO® Brand Products that encompass all the necessary elements for designing an epoxy terrazzo floor. Our company delivers aggregates, pre-cast, and epoxy resin systems at competitive prices, making us the preferred choice for architects, general contractors, and subcontractors who aim to create terrazzo floors on schedule, within budget, and with precision.

Our commitment to centralizing all materials in one location, coupled with our drive to explore new innovative solutions, has propelled Concord Terrazzo Company, Inc. to emerge as one of the most rapidly growing terrazzo manufacturers in the United States.



# APPROACH

We believe that a good terrazzo design is fueled by innovation, responsibility and quality. Our commitment to these core values has Concord Terrazzo Company on a perpetual path of success.

## INNOVATION

Through our customer-centric process, we develop new ways to improve TERRAZZCO® Brand Products and the terrazzo industry. We explore new ways to meet and exceed our customer's requirements, by providing them not only with a superior product, but also a superior experience.

## RESPONSIBILITY

Responsibility starts with a sense of purpose and duty that ensures that the environment and the people who encounter our products benefit from the processes and standards that we follow in our day-to-day manufacturing and business practices.

## QUALITY

Our commitment and passion towards continually improving customer service is exemplified in our quality policy. "We strive to meet and exceed customer expectations while focusing on innovating high quality and environmentally sensitive products."



## WHAT MAKES US DIFFERENT?

Concord Terrazzo Company is the sole NTMA terrazzo manufacturer in the US that provides epoxy resins, aggregates, and precast terrazzo products, making us a comprehensive one-stop-shop for terrazzo needs.

Secondly, we prioritize innovation and continually invest in developing new technologies through TERRAZZCO® Brand Products. By doing so, we enhance the quality of our products and enable better designs.

Finally, our approach is entirely personalized. We take your vision and transform it into a unique and functional terrazzo floor or precast terrazzo product. Our team collaborates with architects and designers to find the best solutions and create a custom-made product that meets your exact needs.

# PROCESS

There are two main methods used to make terrazzo: Poured-in-place and the precast.

## Poured-in-Place Method:

Concord Terrazzo Company provides the epoxy resins and aggregates for contractors to install a poured-in-place terrazzo system. The traditional method involves combining a 2-part epoxy resin system with choice of aggregates, and layered over a flooring substrate. The surface is then allowed to cure, and then is ground down to reveal a smooth, level surface. Finally, the surface is polished to a high shine and sealed for protection.

## Precast Method:

The precast method of making terrazzo involves creating the products in a workshop, and then transporting it to the job site for installation. Concord Terrazzo's precast department hand crafts each precast unit by casting, cutting and polishing the terrazzo.

Both methods can produce high-quality terrazzo that stand the test of time, and the choice of which method to use will depend on a variety of factors, including the size of the project or design pattern. At Concord Terrazzo Company, TERRAZZCO Brand Products are used in the manufacturing of precast terrazzo and during the installation of a poured-in-place terrazzo floor.



# ADVANTAGES OF TERRAZZO

**Durability:** Terrazzo is strong and can handle lots of wear and tear, including heavy foot traffic. It won't easily scratch, stain, or get damaged, which makes it perfect for busy places like airports, schools, and hospitals.

**Versatility:** Terrazzo comes in lots of colors, patterns, and designs, so it's versatile and can create personalized surfaces. You can even add logos, graphics, or other designs to make it truly unique.

**Sustainability:** Terrazzo is eco-friendly because it's made from zero VOC and recycled materials. It will last for many years without needing to be replaced.

**Low maintenance:** Terrazzo is easy to clean and maintain, requiring only periodic cleaning and sealing to keep it looking its best. It is also resistant to mold and bacteria, making it a hygienic choice for healthcare facilities and other environments where cleanliness is important.

**Cost-Effective:** The initial cost of installation may be high but the long-term cost-effectiveness of terrazzo makes it a wise investment for those looking for a durable, versatile, and low maintenance flooring solution.



# SUSTAINABILITY

At Concord Terrazzo Company, we are committed to making a positive impact on the environment through our innovative manufacturing processes.

We are proud to offer TERRAZZCO® Brand Products, which features terrazzo products that are made with the highest possible amount of recycled content. This approach allows us to reduce waste and minimize our environmental footprint while delivering high-quality products to our clients.

TERRAZZCO® epoxy resins, aggregates, and precast products are made with regionally sourced ingredients and fully manufactured in the United States. This approach reduces transportation emissions, supports local economies, and ensures a high-quality, sustainable product for our customers.



## Great for Building Spaces



### Indoor Air Quality

A finished terrazzo floor does not pose health risks. It provides an odorless, 100% solid (VOC-free), floor that requires minimal maintenance without the need for harsh chemicals.



### Transparency

TERRAZZCO® products are routinely tested for health and safety. We support product transparency with HPDs and are actively pursuing updated EPDs and certifications to meet sustainable building standards.



### Infection Control

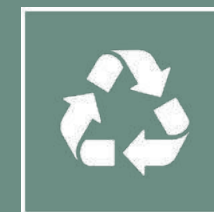
TERRAZZCO® Brand Products creates a seamless flooring system resistant to bacteria, mold, and mildew. Terrazzo is non-porous, preventing the spread of germs and pathogens in indoor spaces.



### Simple Cleaning

Terrazzo floors are easy to clean using daily dust mopping and weekly damp mopping with clean water and PH neutral cleaners. These floors do not require waxing or harsh chemicals to maintain the floor over its lifecycle.

## Great for the Environment



### Recycled & Local Material

Terrazzo often incorporates recycled content, and it can be efficiently recycled at the end of its long lifespan, resulting in a significant reduction in waste sent to landfills. Materials sourced within 500 miles also contribute to LEED credit.



### Resilient Surface

Terrazzo is a top-performing material, capable of withstanding heavy foot traffic. It can last for decades with proper maintenance, thereby eliminating the need for replacement flooring. This generates lower lifecycle costs compared to other traditional flooring systems.



### Reduced Emissions

Concord Terrazzo Company offers a one-stop shop for terrazzo materials, providing cost-competitive solutions while minimizing waste and lowering transportation emissions.



### Minimal Waste Install

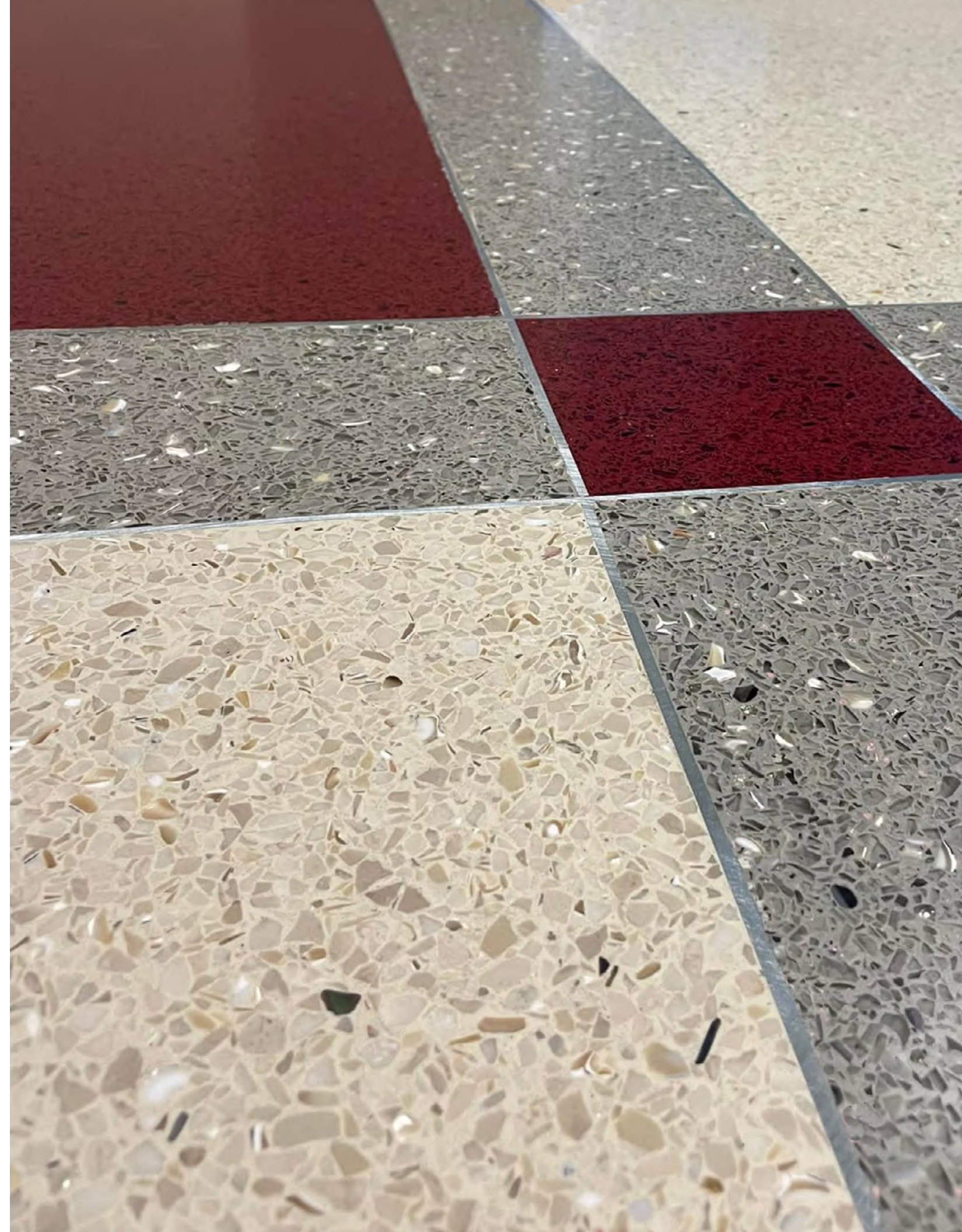
TERRAZZCO® resins help minimize on-site waste. Groutless® EZPour Epoxy 158 is self-priming and reduces material use during the grouting process. Our aggregate blending service further enhances efficiency and reduces environmental impact with precise aggregate mixing.

# TERRAZZCO®

Concord Terrazzo Company is a manufacturer in providing epoxy terrazzo solutions for institutional, commercial, and industrial projects. The use of terrazzo is becoming increasingly popular in design communities due to its sustainability, aesthetics, and durability. To cater to this growing demand, Concord Terrazzo Company has developed a range of TERRAZZCO® Brand Products that offer the highest quality and most innovative solutions in the industry. These products include essential materials such as recycled aggregates, epoxy resins, and precast terrazzo, as well as cutting-edge technologies like our waterjet cutting system, filter press, and Terraglow™ - the world's first glow-in-the-dark resin system.

## Advantages of using TERRAZZCO® Brand Products are

- Unlimited design and color options
- High durability
- Built-in mold and mildew resistance
- Low life-cycle cost
- Resistance to color fading
- Chemical resistance
- Ease of maintenance
- Lighter weight options
- Class A & B flammability rating
- Zero VOCs



# TERRAZZCO® EPOXY RESIN

Concord Terrazzo Company offers a complete epoxy terrazzo system. The TERRAZZCO® Brand Epoxy range has no volatile organic compounds, which eliminates off-gassing and pollution during production, installation, and throughout the floor's lifespan. This makes TERRAZZCO® Brand Epoxy a suitable choice for environmentally conscious designers, architects, and builders who seek construction materials that have minimal environmental impact.

The resins are composed of fumed silica and waste filler powders sourced from the glass and mineral industry. Additionally, TERRAZZCO® manufactures terrazzo sealers, strippers, and cleaners that are eco-friendly. Terrazzo maintenance products are shifting from solvent-based products to water-based products, which are more environmentally responsible.

TERRAZZCO® Brand Epoxy can be tinted to any color, providing designers with a wide range of color options.

TERRAZZCO®'s epoxy resins are manufactured in the southeastern United States, contributing to locally-sourced material LEED points (MRS.). Several of TERRAZZCO's epoxy resin products have undergone testing and proven to emit low chemical emissions, thus improving overall indoor air quality for architectural projects.



Groutless EZPour Epoxy 158

EZpour Epoxy 158 is a pigmented, 100% solid (VOC free), two-component epoxy resin system. When combined with an extensive variety of decorative aggregates and poured in place to 1/4" to 3/8" nominal thickness, it yields a highly decorative terrazzo flooring system.



Floor Aid Flexible Membrane 528

Floor Aid Flexible Membrane 528 is a 100% solids (VOC free), two-component epoxy system applied to concrete in order to assist with the prevention of substrate cracks transferring through to the finish floor system due to horizontal movement.



Vapor Shield MVS 601

TERRAZZCO® Vapor Shield MVS 601 is a 100% Solids, two component epoxy system designed to seal concrete and reduce moisture vapor transmission through a slab having relative humidity levels between 75% and 95% as measured by ASTM F-2170.



Flexa-Flex Joint Filler 1200

Flexa-Flex Joint Filler 1200 is a 100% solids (VOC free), two-component, flexible joint filler. The unique combination of hardness and flexibility allows Flexa-Flex Joint Filler 1200 to absorb the impact and shock of heavy loads while sealing joints encountered in terrazzo flooring.



Leveling Fill Epoxy 162

Leveling Fill Epoxy 162 is a 100% solid (VOC free), two-component epoxy resin system that may be combined with aggregate and applied by trowel to the desired thickness.



Bonding Agent 159

Bonding Agent 159 is a 100% solid (VOC free) epoxy resin system designed to promote adhesion between concrete and cement based terrazzo flooring.



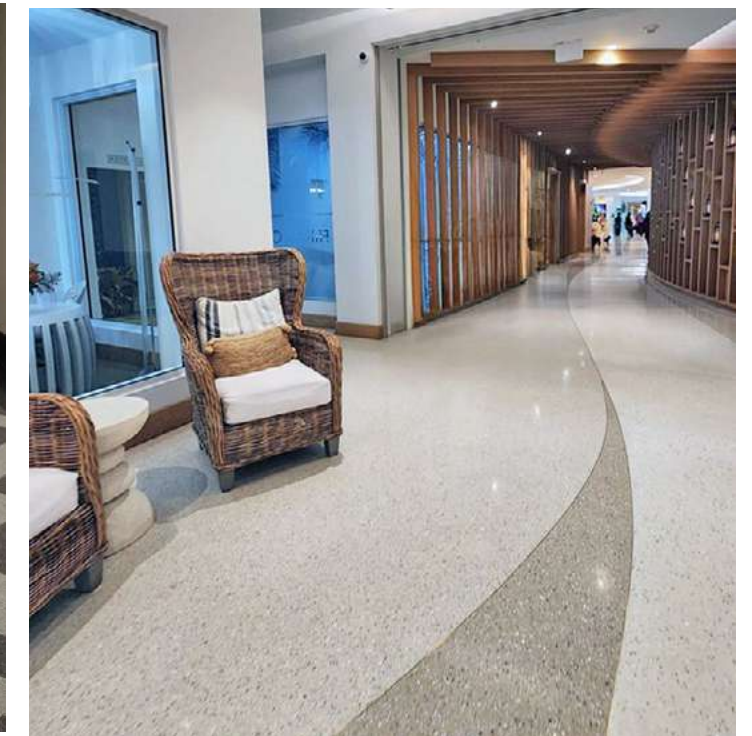
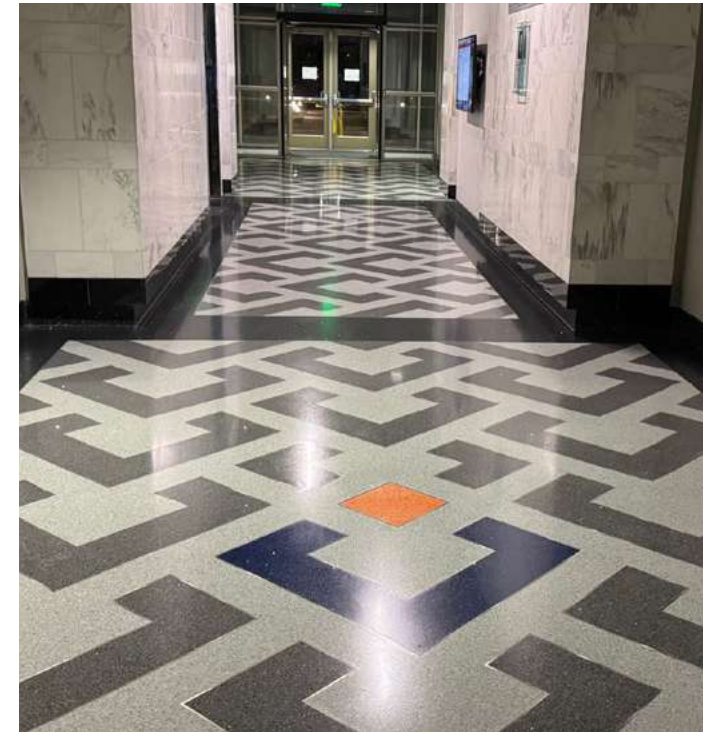
Acoustic Membrane 970

TERRAZZCO® Acoustic Membrane 970 is a 100% solids (VOC free), two-component epoxy system applied to concrete in order to assist with decreasing sound transfer through the finished floor system.



EZPour Epoxy 158C

TERRAZZCO® EZPour Clear Epoxy 158C is a two-component epoxy resin system. Can be applied over primed substrates.



## Green Terrazzo Flooring System

At Concord Terrazzo Company, we take pride in offering a green terrazzo system that is red list free. Our commitment to sustainability means that we use only environmentally friendly materials in the production of our terrazzo products. Our green terrazzo system is free from any harmful chemicals or toxins that can be detrimental to both human health and the environment.

Our green terrazzo system can be mixed with high-quality recycled content, including glass, porcelain, and marble chips, which helps to reduce waste and minimize our environmental footprint. We use a state-of-the-art manufacturing process that is designed to be energy efficient, ensuring that we use minimal resources and reduce our impact on the environment.



Groutless EZPour Epoxy 158G

TERRAZZCO® Groutless® EZpour Epoxy 158G is a pigmented, 100% solid (VOC free), two-component epoxy resin system based on renewable ingredients. It does not contain any ingredients on The Living Building Challenge (LBC) Red List. When combined with an extensive variety of decorative aggregates and poured in place at 3/8" nominal thickness, it yields a highly decorative terrazzo flooring system with low life cycle costs.



Floor Aid Flexible Membrane 528G

TERRAZZCO Floor Aid Flexible Membrane 528G is a 100% solids (VOC free), two-component epoxy system based on renewable ingredients. It does not contain any ingredients on The Living Building Challenge (LBC) Red List. When used in combination with TERRAZZCO® Groutless® EZPour Epoxy 158G system, Flexible Membrane 528G provides a crack-resistant, resilient and durable terrazzo floor.



Vapor Shield MVS 601G

Vapor Shield 601G is a VOC free two-component epoxy resin based on renewable ingredients. It does not contain any ingredients on The Living Building Challenge (LBC) Red List. The Vapor Shield 601G epoxy system designed to seal concrete and reduce moisture vapor transmission through a slab having relative humidity levels between 75% and 95% as measured by ASTM F-2170.

# TERRAZZCO® AGGREGATES

TERRAZZCO® Brand Aggregates are mixed with TERRAZZCO EZPour Epoxy 158 to create epoxy terrazzo. Aggregates make up 70% of a terrazzo's surface. There are a wide selection of aggregates to choose from such as marble, glass, mirror, granite, shells, and plastic chips.

At Concord Terrazzo Company, we offer an extensive range of exclusive TERRAZZCO® Brand Aggregates, which we process at our warehouse located in Charlotte, North Carolina. We continuously explore new sources of aggregates to expand our color palette while also ensuring an ample stock of classic terrazzo chip colors that have been in use for ages.

Contractors can find the right selection of chips for their projects in any color and size. Most chips are crushed to standard sizes (size #0-2), but are available in microaggregates and oversized material. Moreover, all TERRAZZCO® Brand Aggregates can assist in obtaining LEED points for locally-sourced materials in the Southeastern United States. The use of recycled glass aggregate can also contribute to LEED points MR4 for its use of recycled content.



Snow White



Northern White



Georgia White



Ultra White



Glacier Black



Arabescato



Driftwood



Pearl Gray



Concord Gray



Frozen Blue



Blue Gray



Mint Green



Rainforest Green



Verde Alto



Classic Mother of Pearl



Freshwater Mother of Pearl



Earth Blend



Mocha



Clear Glass



Plate Glass



Light Mahogany



Autumn Tan



Single-Side Mirror



RCK Mirror



Golden Brown Pebbles



Chocolate Brown Pebbles



Amber Glass



Autoblack Glass



Red Cedar



White Rose



Autogreen Glass



Green Glass



Bull Ridge Blush



Salt & Pepper Granite



Cobalt Blue Glass



Red Glass

# CHIP SIZES

Terrazzo aggregates come in three distinct sizes: micro, standard, and venetian.

Standard terrazzo chips are generally considered the most common and widely used in terrazzo applications. They are recommended for use in epoxy terrazzo installations. Standard sizes are available in size 0-2.

Micro and venetian aggregates can be considered as well. Micro aggregates result in a uniform surface with a finer grain appearance whereas venetian aggregates create a bold aesthetic with a visible aggregate pattern.

Concord Terrazzo Company crushes all TERRAZZCO Brand Aggregates into standard sizes for convenience.

	Size (#)	Passes Screen	Retained on Screen
Standard	Size #0	1/8 inch	1/16 inch
	Size #1	1/4 inch	1/8 inch
	Size #2	3/8 inch	1/4 inch
Venetian	Size #3	1/2 inch	3/8 inch
	Size #4	5/8 inch	1/2 inch
	Size #5	3/4 inch	5/8 inch
	Size #6	7/8 inch	3/4 inch
	Size #7	1 inch	7/8 inch

# AGGREGATE BLENDING

TERRAZZCO offers a custom aggregate blending service alongside supplying top-quality marble, glass, and shell aggregates to meet the unique project specifications of clients. We offer consistent and precise blend ratios of any aggregate combinations, packaged in 45-pound bags or pallets.

- Consistency between batches
- No mixing on job site
- Environmentally-friendly
- Many options in aggregate type, size, and colors
- Deliver any aggregate to use and we'll mix it
- Contamination free



# TERRAZZCO® PRECAST

Concord Terrazzo Company has a dedicated precast terrazzo division that caters to architects and designers seeking custom precast terrazzo products. Concord Precast is well-equipped to manufacture various precast terrazzo products, including:

- Stair Treads
- Tread and Risers
- Cove Wall Base
- Straight Wall Base
- Wall Panels
- Terrazzo Tiles
- Countertops
- Bartops
- Tabletops
- Column Covers
- Windowsills
- Shower basins

Our precise processes and machinery enable us to cast, cut, and polish these timeless construction materials.

Designers can create their unique staircases, terrazzo tiles, or wall base designs using a wide range of color combinations, combining tinted TERRAZZCO® Brand epoxy products with Concord Terrazzo Company's extensive line of terrazzo aggregates. Concord Terrazzo Company can also match other finish materials on any project, resulting in a seamless transition from surface to surface.



# Terrazzo Stair Treads

Concord Precast specializes in creating custom terrazzo stair treads for commercial construction projects. Whether it's a straight or curved staircase, Concord Precast can match any terrazzo mix design to create a unique stair tread that complements the project's overall design.

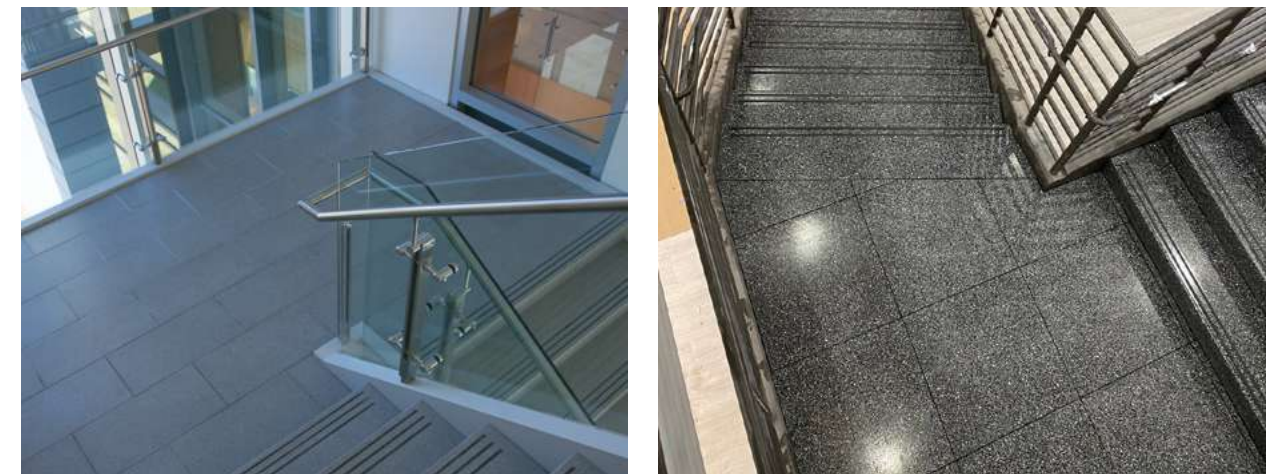
Designers have the option of choosing self-supporting stair treads or tread and riser combination sets. To provide durability and slip resistance, abrasive channels are cut into the tread's surface and filled with TERRAZZCO® Brand epoxy resin and silicon carbide.

Stair treads are available in various thicknesses and lengths, and the design professionals at Concord Terrazzo Company can provide shop drawings upon request to assist designers and installers.



## Nosing Options & Patterns

Another crucial element in your terrazzo stair design is the inclusion of non-slip nosing, which adheres to industry standards. This nosing consists of a blend of epoxy and abrasive materials. The abrasive lines are embedded into the stair treads, extending slightly above the finished surface to enhance traction. You have the flexibility to choose the thickness of the lines and customize the color of the epoxy.



## Stair Tread Landings

Concord Terrazzo has the capability to manufacture stair landings in the form of panels or tiles. Landings are offered for any staircase design, and are customized to several size dimensions.



### Terrazzo Straight Base

Terrazzo straight base is a cost-effective choice that offers versatility in height options, top edge profiles, and finishes. Straight base achieves a seamless transition from floor to wall and creates visually architectural elements to your space.

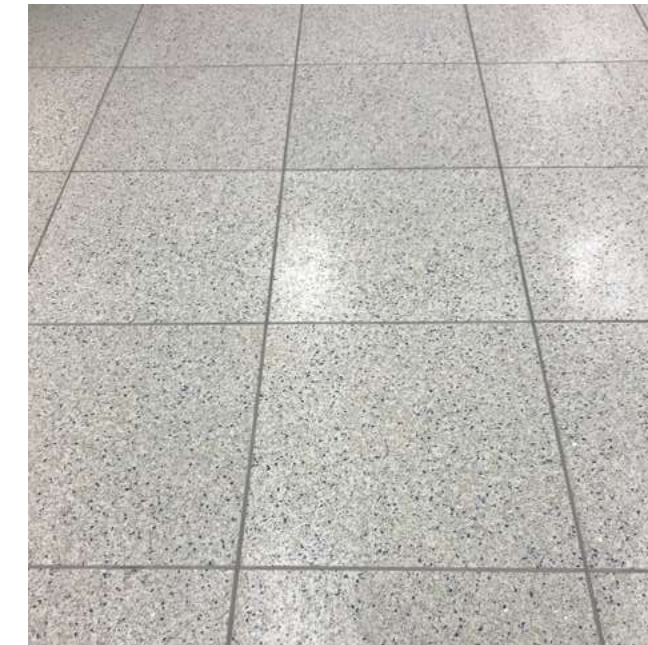
### Terrazzo Wall Panels

Terrazzo wall base offers a vertical application that create a visually stunning focal point in any room. Each panel is crafted using high-quality materials ensuring exceptional strength and longevity. Panels are available in custom sizes with max unit size at 96”L x 32”W.



### Terrazzo Cove Base

Terrazzo cove base offers customization options such as varying heights, cove radius and toe design, that creates a smooth and visually appealing transition between the floor and the wall.



### Terrazzo Tile

Concord Precast offers the option of precast terrazzo tiles as an alternative to poured-in-place epoxy terrazzo for small projects 1,000 sq. ft or less. Can be installed for elevator cabs and stair landings as well. These tiles are available in lengths of 12”x12”, 18”x18”, or 24”x 24”, with a thickness of 3/8” to 1/2”, providing versatility to any surface area.



### Terrazzo Countertops

Concord Precast creates stunning, tailored countertops that flawlessly integrate into commercial construction projects. Terrazzo is the only material that offers a degree of design flexibility, with a one-of-a-kind and personalized hard surface finish.

### Terrazzo Tabletops

Concord Precast manufactures customizable terrazzo tabletops that range in any color and shape. From round to square tabletops, terrazzo is resistant to scratches and stains, and requires minimal maintenance. Ideal for hospitality and restaurant spaces.



# DESIGN SERVICES

At Concord Terrazzo Company, we understand that the right design can make all the difference in creating a beautiful and functional space. That's why we offer a range of design services to help our clients bring their vision to life.

- **Material Selection:** We can help clients choose the right materials for their terrazzo surfaces, including the types of aggregates and colors that will best suit their design goals.
- **Logo Templates:** Using a waterjet, Concord Terrazzo can create custom designs and patterns for terrazzo surfaces, incorporating logos, graphics, and other design elements to create a unique and personalized look.
- **Color Consulting:** We can provide expert advice on color selection, helping clients choose the right hues and tones to complement their existing interiors and achieve the desired look and feel.
- **Sample Development:** Concord Terrazzo provides samples to the architectural and design community to explore the limitless creative possibilities that terrazzo offers.



# SAMPLE DESIGNS

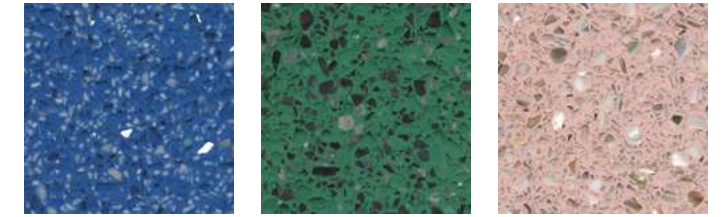
Concord Terrazzo Company offers free custom-made samples to architects and designers, helping them create unique and personalized terrazzo designs using TERRAZZCO® Brand epoxy and aggregates.



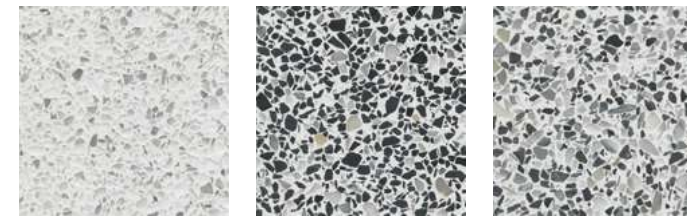
Requesting a custom sample is easy and free. It's a great way to evaluate the material and make informed decisions about which design works best for your terrazzo surface. Our design team ensures a quick turnaround on all sample requests, helping you make timely decisions before your project's start date.



Aggregate Series



Designer Series



Classic White Series



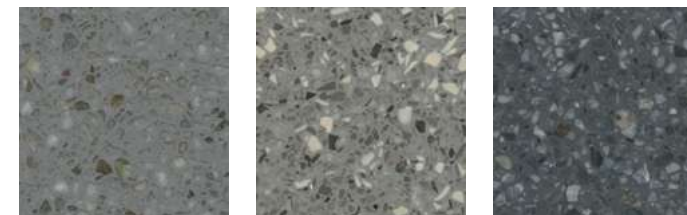
Monochrome Series



Black Series



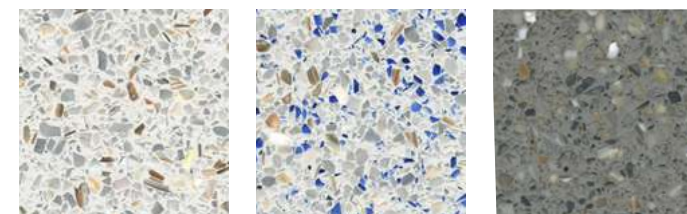
Shell Series



Standard Series



Pebble Series



Semi-Exotic Series



Venetian Terrazzo Series



LEED Series

**VIEW MORE DESIGNS:**  
[WWW.TERRAZZCO.COM](http://WWW.TERRAZZCO.COM)

# WATERJET LOGOS

Waterjet cutting technology offers a personalized touch to enhance the appearance of any terrazzo flooring. At Concord Terrazzo Company, our skilled waterjet design team is capable of cutting various materials such as aluminum, brass, and even terrazzo itself into any desired shape or size.

- Logos and Graphics:
- Seals & Emblems
- Letters and Numbers
- Geometric Patterns



# UNIVERSAL GRINDING PLATE

TERRAZZCO Universal Grinding Plates cater to all standard styles of tooling (3" Segmented Diamonds, 2" Plugs, PCD Shoes, and Speed Shift Velcro Pads) providing versatility and convenience. One standout feature is the elimination of the need for a full plate swap, streamlining the workflow and saving valuable time and labor costs on each project. Compatible with Advanced Grinders, STI Prep Master and Terrco grinders.

## UGP-14-4

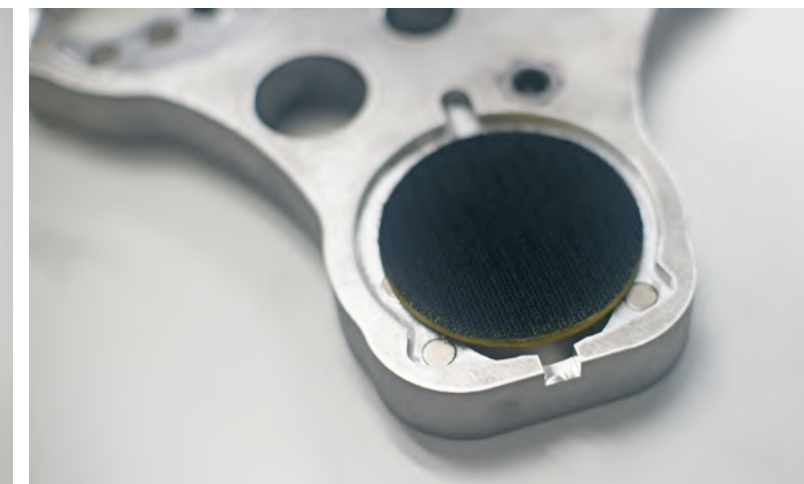
- Terrco Model 6200
- Terrco Model 3100P
- Terrco Model 3100
- Terrco Model 701-S
- STI Prep/Master 4420
- STI Prep/Master 2807
- STI Prep/Master 3030

## UGP-11-4

- Terrco Model 2000
- STI Prep/Master 2420

## UGP-10-4

- Advance Grinders by Advance Machine Company



# PRODUCT INSTALLATION

Discover the timeless allure of TERRAZZCO Brand Products, which have graced the interiors of educational institutions, airports, healthcare facilities, restaurants and commercial buildings today.



Harrah's Casino & Hotel



University of Alabama - President's Hall



Ballston Quarter - Origin



Charlotte Douglas International Airport



Bluestone Elementary School



Mango's Tropical Cafe - Orlando



South Bay Hospital



Jackson Health Systems



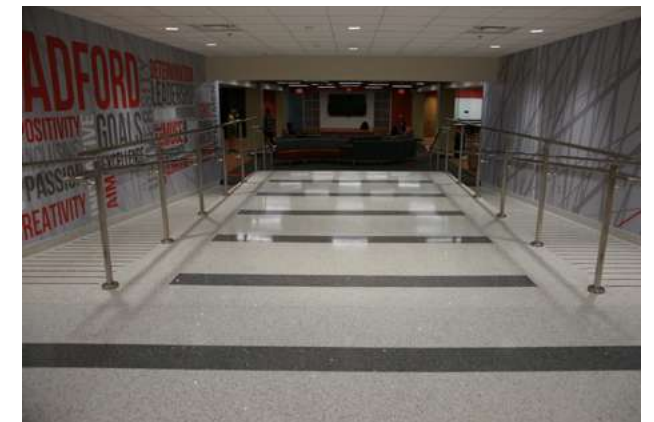
Florida Atlantic University



Campbell University



Coastal Carolina University



Radford University - Muse Hall



## CONCORD TERRAZZO COMPANY

1709 University Commercial Place

Charlotte, NC 28213

Phone: 704.921.4928

[info@terrazzco.com](mailto:info@terrazzco.com)

[www.terrazzco.com](http://www.terrazzco.com)