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Introduction

Terrazzo, def., A composite flooring system consisting of either a cement or resinous matrix with marble, granite, onyx, glass (in resinous system) aggregate. Terrazzo is poured-in-place, cured, and ground to a smooth hard surface finish.

Terrazzo is a custom flooring crafted essentially from natural products and subject to slight shade variations. Cement, both white and gray, may not be uniform in color.

Cement Terrazzo Systems

Sand Cushion, def., Cement matrix terrazzo system that is installed independent of the concrete slab. Cement underbed, with wire reinforcing, isolation sheet, and light dusting of sand and terrazzo topping. Interior System. 2 ½ inch to 3 inch thickness, including a ½ inch nominal thickness terrazzo topping.

Bonded Terrazzo, def., Cement matrix terrazzo system that bonds directly to the concrete slab. Cement underbed and terrazzo topping. Interior System. 1 ¾ inch thickness, including ½ inch nominal thickness terrazzo topping.

Monolithic, def., Cement matrix terrazzo system that bonds directly to the concrete slab. Dependent on quality of the concrete slab for flatness and crack prevention. Interior System. ½ inch nominal thickness terrazzo topping.

Polyacrylate, def., Polymer modified cement matrix terrazzo system that bonds directly to the concrete slab. Dependent on quality of the concrete slab for flatness and crack prevention. Interior System. ⅞ inch nominal thickness terrazzo topping.

Resin Terrazzo Systems

Epoxy def., Resin matrix terrazzo system that bonds directly to the concrete slab. Dependent on quality of concrete slab for flatness and crack prevention. Interior System. ¾ inch nominal thickness terrazzo topping.
# BASIC TERRAZZO SYSTEMS INFORMATION
Available to Fit Variable Job Conditions

<table>
<thead>
<tr>
<th>System</th>
<th>Description</th>
<th>Advantages</th>
<th>Thickness</th>
<th>Weight</th>
<th>Dividers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy</td>
<td>A nominal ⅜” thick resin matrix veneer placed upon an interior flat concrete slab; in addition to traditional marble chips, also can be specified with granite, glass, plastics, metal, and other aggregates to provide brilliant colors, unique accents, chemical resistance, etc. Epoxy terrazzo has the greatest tensile, compressive, and flexural strength of any system.</td>
<td>Unlimited matrix colors, color control, resiliency, chemical resistance and tensile-compressive strengths not available in cement based systems. Excellent for multi-colored patterns and designs. Light weight and flexibility make it ideal for multi-story use. It has the lower maintenance cost due to low permeability. In sanitary areas it can be installed with minimal dividers providing seamless characteristics. When used in conjunction with a flexible membrane as a specified extra, it can absorb some horizontal concrete crack or control joint movement. Can be installed with a flexible membrane to aid in the suppression of reflective cracking. It also has the quickest pour to grind installation time. Can also be used over properly installed and prepared plywood. Glass and other decorative aggregates normally increase the cost.</td>
<td>Nominal ⅜” epoxy terrazzo topping. #0-1 chip sizes optional. #2 chip for ⅜”</td>
<td>3-4 lbs. PSF.</td>
<td>All these systems adhere to the concrete and require dividers. To minimize cracking in the concrete, “ACI 302.1 Concrete Joint Placement” must be followed. Concrete joints should run off all corridor intersections and corners. In addition other dividers can be set to separate colors or as an accent themselves. In these systems the dividers not located over concrete joints are strictly decorative. They do not function as leveling devices or crack preventers. Dividers may vary in width from 18 gauge to ½”. 16 gauge or ⅛” are standards. Zinc and brass are available for cement. Zinc, brass, plastic and aluminum divider strips are allowable for use in epoxy terrazzo systems.</td>
</tr>
<tr>
<td>Monolithic</td>
<td>This normal ½” thick cement matrix veneer placed upon a provided concrete slab is dependent on the concrete quality for flatness and crack prevention.</td>
<td>Fast installation and the most economical price make it ideal where time and budget are critical but where beauty, low maintenance, and the performance of terrazzo is desired</td>
<td>½” terrazzo topping.</td>
<td>5-7 lbs. PSF.</td>
<td>Architects should design structural inset expansion plates between areas where major movement is anticipated.</td>
</tr>
<tr>
<td>Bonded</td>
<td>A cement matrix and underbed system for interior and exterior areas where conditions require 1 ¼”: to 1 ¾” of recessed depth to be filled in addition to the ½” terrazzo filling.</td>
<td>With the sand-cement mortar underbed it has less dependence on the concrete slab for flatness when compared to monolithic.</td>
<td>1 ¾” to 2 ¼” including ½” terrazzo topping.</td>
<td>18-22 lbs. PSF.</td>
<td></td>
</tr>
<tr>
<td>Polyacrylate</td>
<td>A nominal ⅛” thick polymer modified cement matrix veneer placed upon a provided flat concrete slab. Polymer provides added strength to allow for thinner applications of cement systems.</td>
<td>Ideal to replace vinyl or carpet without depth transition difficulties; also good to use in areas subject to high moisture vapor transmission where non-breathing floors will often not suitably adhere without supplemental topical treatments</td>
<td>Nominal ⅛” polyacrylate with terrazzo topping. Chip sizes #0, 1 &amp; 2.</td>
<td>4 ½ lbs. PSF.</td>
<td></td>
</tr>
</tbody>
</table>
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</thead>
<tbody>
<tr>
<td>Sand Cushion</td>
<td>A cement matrix topping over underbed/screed with wire reinforcing, isolation sheet, and sand layer system for interior floor use. This is considered by many as the premier cement based system.</td>
<td>Due to the underbed’s depth, wire mesh reinforcing and sand layer, it will accommodate minor substrate defects and resist mirroring to the surface.</td>
<td>2 ½” to 3” including a ½” terrazzo topping.</td>
<td>25-30 lbs. PSF.</td>
<td>The position of vertically embedded divider strips is essential to performance, serving a dual function: a control for anticipated contraction and an aesthetic enhancement in separating colors. Squares of 5 feet or less on centers are ideal – rectangles of no more than 25 square feet (aspect ratio maximum 1.5:1) are next best. Architects should design structural inset expansion plates between areas where major movement is anticipated.</td>
</tr>
<tr>
<td>Rustic</td>
<td>Terrazzo with a non-grind, textured surface, commonly for exterior use. This system is available with Sand Cushion, Bonded, Structural and Monolithic.</td>
<td>Infinitely variable textures, colors and patterns may be created in a weather-resistant, skid resistant deck surface.</td>
<td>½” to 6” including a ½” terrazzo topping.</td>
<td>Dependent on system selected</td>
<td>Temporary wood strips are used, and then replaced by a pourable sealant inserted into the joint.</td>
</tr>
<tr>
<td>Precast</td>
<td>Prefabricated custom units for flat or coved base work, stair treads/risers, stringers, planters, benches, wall panels.</td>
<td>Virtually unlimited uses.</td>
<td>Custom finish</td>
<td>Contact your local NTMA supplier/manufacturer</td>
<td></td>
</tr>
</tbody>
</table>

### Customary Aggregate Sizes for Terrazzo Toppings
- Cement: No 1 and 2 (1/2 inch nominal thickness)
- Epoxy: No 1, 2 and 0 (3/8 inch nominal thickness)
- Epoxy: No 1 and 0 (1/4 inch nominal thickness)
- Polyacrylate: No 1 and 2 (3/8 inch nominal thickness)
- Venetian: No 1, 2, 3, 4 and 5 (5/8 inch nominal thickness)

### NTMA Aggregate Gradation Standards
Aggregates are graded by number according to size in accordance with standards adopted by producers.

<table>
<thead>
<tr>
<th>Number</th>
<th>Passes Screen (in inches)</th>
<th>Retained on Screen (in inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1/8</td>
<td>1/16</td>
</tr>
<tr>
<td>1</td>
<td>1/4</td>
<td>1/8</td>
</tr>
<tr>
<td>2</td>
<td>3/8</td>
<td>1/4</td>
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<tr>
<td>3</td>
<td>1/2</td>
<td>3/8</td>
</tr>
<tr>
<td>4</td>
<td>5/8</td>
<td>1/2</td>
</tr>
<tr>
<td>5</td>
<td>3/4</td>
<td>5/8</td>
</tr>
</tbody>
</table>

Price factors include: complexity, number of different colors; local labor rates; divider strip quantity and type; size and source of aggregate; size of areas and total project; number of phases and logistics; new constructions or renovations.

Consult your local NTMA contractor for budget pricing.
EPOXY TERRAZZO

SYSTEM OVERVIEW

NOT TO SCALE

NOTE: MOISTURE MEMBRANE AND/OR CRACK SUPPRESSION MEMBRANE MAY BE REQUIRED - NOT SHOWN. VAPOR BARRIER REQUIRED FOR SLAB ON GRADE)

*TOptional thickness - 1/4” nominal thickness utilizing #1 and #0 aggregate.

NEW OR EXISTING CONCRETE SLAB

3/8” NOMINAL THICKNESS*

TERRAZZO TOPPING

DIVIDER STRIP

NTMA®
The National Terrazzo & Mosaic Association, Inc.
SAND CUSHION TERRAZZO

SYSTEM OVERVIEW

NOT TO SCALE

TERRAZZO TOPPING

DIVIDER STRIP

UNDERBED: SAND, CEMENT - LOW SLUMP

16 GA. 2” X 2” GALVANIZED WIRE MESH, OR EQUAL

NEW OR EXISTING CONCRETE SLAB

ISOLATION SHEET

SAND DUSTING

1/2”

2-1/2” MIN

3” SUGGESTED

NEW OR EXISTING CONCRETE SLAB
RUSTIC TERRAZZO

MONOLITHIC RUSTIC

TERRAZZO TOPPING
TEXTURED SURFACE

DIVIDER STRIP

NEW OR EXISTING
CONCRETE SLAB

BONDING AGENT

1/2” MINIMUM

BONDED RUSTIC

TERRAZZO TOPPING
TEXTURED SURFACE

DIVIDER STRIP

NEW OR EXISTING
CONCRETE SLAB

POINT OF BOND

UNDERBED: SAND,
CEMENT - LOW SLUMP

1/2” 1-1/4” MINIMUM

NTMA®
The National Terrazzo & Mosaic Association, Inc.
POURED IN PLACE BASE TERRAZZO

SYSTEM OVERVIEW

NOT TO SCALE

EPOXY BASE

TERRAZZO TOPPING

DIVIDER STRIP

EPOXY TERRAZZO WITH COVE BASE

NEW OR EXISTING CONCRETE SLAB

CEMENT BASE

TERRAZZO TOPPING

UNDERBED

DIVIDER STRIP

CEMENT TERRAZZO WITH COVE BASE

NEW OR EXISTING CONCRETE SLAB

NTMA®
The National Terrazzo & Mosaic Association, Inc.
POURED IN PLACE STAIRS TERRAZZO

SYSTEM OVERVIEW

NOT TO SCALE

TERRAZZO TOPPING

NEW OR EXISTING CONCRETE SLAB

TERRAZZO TREAD & RISER

ABRASIVE STRIP

EPOXY

PAN-FILLED

ABRASIVE STRIP

TERRAZZO TOPPING

NEW OR EXISTING CONCRETE SLAB

TERRAZZO TREAD & RISER

CEMENT

UNDERBED

METAL STAIR FRAME - BY OTHERS

UNDERBED
Terrazzo Specifications & Design Guide
Will no longer be available in a hardcopy. Below is the screenshot on our website to the updated product specifications. (Word, PDF and DWG-CAD Ready)
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email: gsweetin@williamstileandmarble.com website: www.williamstileandmarble.com

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**Full NTMA Membership Roster at www.ntma.com (AEC* - Accredited Education Contractors)**

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Full NTMA Membership Roster at www.ntma.com (AEC* - Accredited Education Contractors)
NTMA TERRAZZO SYSTEMS REFERENCE GUIDE SPONSORS - TERRAZZO CONTRACTORS

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FULL NTMA MEMBERSHIP ROSTER AT WWW.NTMA.COM (AEC* - ACCREDITED EDUCATION CONTRACTORS)
Terrazzo Design Ideas for Airports

Airports are the gateway to the city. Terrazzo can be used to create lasting first impressions while providing a long lasting durable and economical flooring surface. A terrazzo floor will not have grout joints, which allows for smooth, quiet handling of rolling carts and luggage. Terrazzo is arguably the most durable and lowest life cycle cost flooring available today, perfect for high traffic public access buildings such as airports.
Terrazzo Design Ideas for Schools

Terrazzo floors last a lifetime! The school seal that your grandmother saw when she started will still be beautiful when your granddaughter comes along. Non-porous terrazzo does not support microbial growth, nor does it allow moisture to accumulate, contributing to a mold-free, healthy environment. This is a floor material that keeps it’s school spirit and fights high maintenance costs for generations.
Terrazzo - healthy flooring for medical facilities

Both cement and epoxy terrazzo are ideal solutions for maintaining a healthy building. Unlike tile grout or carpet, terrazzo does not support microbial growth - nor allow moisture to accumulate - which greatly contributes to a mold-free environment. Additionally, terrazzo is comprised of zero VOC materials, and exhibits little to no off-gassing over the life of the cured floor. This floor needs only be cleaned with an environmentally friendly, neutral pH cleanser, which will not irritate sensitive eyes or noses.
Terrazzo Design Ideas for Hospitality

An unlimited color palette, and state of the art water jet cutting techniques create a visually stunning hospitality environment. Logos can easily be incorporated within the terrazzo floor. Color transitions and design can immediately impact guests by reinforcing a variety of themes and offering navigational clues throughout the building. Terrazzo is anti-microbial, non-porous and easily cleanable with a damp mop and neutral cleaners leaving no harsh odors to irritate guests.
Terrazzo Design Ideas for Stadiums

Terrazzo is the ideal flooring for stadium entrances and corridors. It is extremely durable - a necessity in a building that accommodates millions of fans each season. Terrazzo also has the design capabilities to reflect the team colors, mascots, logo and city. Depending upon the exterior exposure, rustic terrazzo or ground terrazzo can be selected.
Rustic Terrazzo... Feel the Difference

Rustic terrazzo offers architects, designers, and building owners unique alternatives to interior and exterior paving. Rustic terrazzo offers the flexibility to accommodate designs from classic traditional to artistically unique floor and wall surfaces. The unpolished surface of rustic terrazzo allows each stone to stand out, emphasizing its size, shape and color, while also providing superior slip resistance. Regardless of building type, rustic terrazzo provides a safe, visually pleasing first impression.
Destinations in Terrazzo

Setting in Stone the Spirit of Public Art

Bringing together terrazzo with public art gives the artist the capacity to create spaces distinctive from “anytown-anywhere,” artist Teresa Cox said, colored by local character and highly accessible to the public.

Mukilteo Sounder Station

Beached at the train tracks near the Pacific at Mukilteo Sounder Station in WA, are two 27-foot-long, solid concrete-core terrazzo earth canoes representing those of the area’s native inhabitants.

Detroit’s Harmonie Park/Paradise Valley

ART . RUSTIC . MURALS

An outdoor installation of rustic terrazzo designed by noted muralist Hubert Massey, historic buildings and public figures.

Phoenix Sky Harbor International Airport

This commissioned public art project illustrates the design flexibility of terrazzo. A feat of master craftsmanship and achievement of design intent.
The Care of Terrazzo

Terrazzo floors have **ease of maintenance**, but this does not mean that NO CARE IS REQUIRED. Once you understand the care requirements in the early stages of a new terrazzo floor, you lessen possible problems, and recognize the economy of care and the aesthetic values of this product. **NTMA terrazzo flooring specifications highly recommends a sealer applied to this surface immediately following the final polishing.**

Sealers help inhibit the penetration of spilled materials upon initial contact with the terrazzo floor. Spills must be cleaned up immediately in order to prevent stains caused by repeat or long term exposure. Even standing water can eventually dissolve some sealers. As most sealers are low solids liquid material, they do not normally produce a high gloss sheen appearance to the floor surface. When a building is eventually occupied, the terrazzo temporary sealer can be stripped and the surface may be retreated as implemented by ownership. The eventual degree of gloss is determined by the particular products selected and the recommended application process.

**TAKE THE NECESSARY TIME TO LEARN WHICH TERRAZZO SYSTEM YOU ARE MAINTAINING**

There are three types of binders used to anchor marble chips or other aggregate in your terrazzo floor. Originally, and still used, is a Portland cement product; next a polyacrylate modified cement. The most common matrix today is epoxy resin.

**All Terrazzo Systems** contain marble or other types of aggregate materials that have surface exposure. Marble aggregate have a low porosity of absorption. Other aggregate types may have little or no porosity.

**Portland Cement Systems:** The portion of this floor system that most benefits from primary protection is the Portland cement binder. Sealers will also assist protecting the marble chips or other aggregate.

**Epoxy Resin Systems:** The binder for this terrazzo system is fundamentally non-porous. Sealers assist protecting the aggregate and normally enhance aesthetics.

**OWNER’S GUIDE FOR THE MAINTENANCE OF TERRAZZO**

**MAINTENANCE PRECAUTIONS:** Harsh cleaners and sealers can damage terrazzo. Only materials that are neutral pH should be used when scrubbing or mopping floors. Sealers should achieve a slip resistance coefficient of friction rating applicable to code. Water based sealers are most commonly recommended and utilized today. Mop on, in one or more coats, in accordance with the instructions of the manufacturer. This can also be followed by a water based finish (dressing) for daily or weekly buffing if a high sheen is desired.

**CLEANING PROCEDURES:** 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. This provides the necessary time for the grime-dissolving action to take place. Then rinse the dirt-laden solution from the surface by squeegee, vacuum or mopping. Rinse with ample clean water. It is important to keep the floor wet during this entire cleaning process so the dirt and cleaning residue does not dry on the surface.

**FQA** “How often must we sweep or scrub this floor?” is answered by the amount of traffic that moves across the floor daily. Daily dust mopping is a requirement in most public buildings. Daily dust mopping removes both the dust and the grit tracked into the building.
The Care of Terrazzo

CUSTODIAN’S GUIDE TO THE PROPER MAINTENANCE OF TERRAZZO

FOLLOWING THE INSTRUCTIONS TO KEEP YOUR TERRAZZO FLOOR CLEAN AND LONG-LASTING, THESE ARE NORMALLY MINIMUM MAINTENANCE SUGGESTIONS:

DAILY:  DUST MOP. Hand work stubborn stains and scuff marks with neutral cleaner diluted in warm water.

WEEKLY:  DAMP MOP LIGHTLY SOILED FLOORS WITH NEUTRAL CLEANER. Heavily soiled floors should be scrubbed with a mechanical buffing machine and neutral cleaner. Mop up residue with clean water before it dries. Allow to dry and buff with a dry brush.

NOTE:  ALLOW YOUR NEUTRAL CLEANER, ONCE APPLIED TO THE TERRAZZO SURFACE, TIME TO REACT. IT IS DESIGNED TO LOOSEN FOREIGN MATTER. SEVERAL MINUTES SHOULD BE ADEQUATE, BUT DO NOT ALLOW SOLUTION TO DRY ON THE SURFACE.

AS REQUIRED:  Strip all old sealer and any finish coats. Re-seal clean floor.

CAUTION:  Before deviation from the instructions, contact our local Terrazzo Contractor for advice. ALWAYS KEEP RINSE WATER, MOPS & PAILS CLEAN!

DO’S AND DON’T’S FOR MAINTENANCE OF TERRAZZO FLOORING

DO ask the installing Terrazzo Contractor to recommend the proper neutral cleaner and sealers to be used on your floor.

DO dust mop your floors daily, this not only picks up the dust, but also the grit tracked into your building. The grit acts as an abrasive on your hard surface floor.

DO scrub your floors approximately once or twice a week, where a new terrazzo floor has been installed for the initial two to three months, as the construction dust is still in the air, and will eventually be deposited on your floor. After this period, once per week, depending on the amount of foot traffic, keep your floor clean in appearance. Always rinse your floors well to prevent a build-up of cleaner residue.

DO seal your floors with a water-based sealer in accordance to the manufacturer’s instructions. Normally, a new floor requires two or more coats, which provide a good sheen for a period of 45 to 60 days, before needing additional coats.

DO use maintenance products designed specifically for terrazzo.

DO allow your neutral cleaner, once applied to the terrazzo surface, time to react as designed to loosen foreign matter. Several minutes should be adequate, but DO NOT allow the solution to dry on the surface.

DO NOT use surface waxes or all-purpose sealers.

DO NOT use all purpose cleaners containing water soluble inorganic or crystallizing salts, harmful alkali, or acids.
History Lessons:

Life Cycle for a Lifetime

Original Terrazzo
100 years strong in historic courthouses


One of the lessons the history of these buildings teaches us is the value of using materials that last.

Today, use of terrazzo makes the same sense as it did in the day of these historic courthouses, and even more because of the awareness now of the environmental impact of building choices.

One of the earliest, original recycling ideas, terrazzo began as the creative reuse of leftover chips of marble some 500 years ago in Italy. Terrazzo was green before green was trendy.

Widely considered the most historically significant building in the Pacific Northwest, Pioneer Courthouse in Portland was completed in 1875. The second oldest courthouse west of the Mississippi, it’s also the oldest federal building in the region.

Unique mosaics - the only historic mosaics in a four-state area of historic federal buildings-adorn the 1910 vestibule of Spokane’s Federal Building and U.S. Post Office.

Today’s trends are back to more permanent, forward-looking building standards and greater initial investment in building well to conserve resources long-term. The concept of green is in part just a new way of talking about going back to the use of what has proven to endure and perform.
TERRAZZO . . . . A BRIEF HISTORY

Terrazzo descended directly from simplified forms of centuries-old styles of marble mosaics that were used in Venice by the mid-16th century. Today’s highly evolved terrazzo is an environmentally friendly material that combines extraordinary design potential, optimum durability, low maintenance. Terrazzo is the lowest cost flooring material available based on its life cycle.

Green from the Beginning
Terrazzo was created when resourceful Venetian mosaic workers discovered a way to reuse marble remnants. With off-size chips, they began to build terraces around their living quarters.

Techniques for leveling these surfaces progressed from rubbing with stone by hand, to the development of long-handled, weighted grinding stone, called a galero.

The first sealer for terrazzo was discovered when workers noticed that a coating of goat milk brought out the rich colors and sheen of the marble.

The Immigration of an Industry
The terrazzo and mosaic industry in 16th century Italy was practically the monopoly of craftsmen from the Frulli region. This industry has remained remarkably intact, held by the families from this area through many generations and through the shifting of the entire industry to North America.

The first terrazzo in the US was laid by Italian craftsmen in 1890 in the Vanderbilt residence on Fifth Avenue in New York. At that time, mosaics had also been recently introduced in the US, and were generally preferred over terrazzo.

Then between 1900 and 1915, three million Italians immigrated to the U.S. Terrazzo and mosaic workers, because their work was so highly skilled and valued, were regarded as the aristocracy of the immigrant labor force. The terazzieri, as these workers were called, were regarded as true artists: they jealously guarded the secrets of their craft, handing them down from father to son. These family businesses built a powerful network of firms that expanded the terrazzo trade and dominated the market across the US.

Terrazzo in the 1920s: Ready for Prime Time
In the post-World War I era, Terrazzo became a flooring of choice in the US, suddenly overtaking and replacing the use of marble mosaics, for several reasons.

Architects in the ‘20s were the first to recognize the vast design potential of terrazzo. For the smooth curvilinear Art Deco/Modern styles of the period, terrazzo happened to be the ideal medium.

Furthermore, the invention of the electric grinder in 1924 brought about a finer finish, greater speed and accuracy and lowered costs, all contributing to the spread of terrazzo all over the US.

Many of the country’s most noteworthy buildings of the day, stunning examples of classic design, craftsmanship and durability, were built with terrazzo, including the State Building, Radio City Music Hall and Frank Lloyd Wright-designed Solomon R. Guggenheim Museum.

Also in 1924, terrazzo and mosaic contractors from all over the US created the National Terrazzo and Mosaic Contractors Association, today know as the National Terrazzo and Mosaic Association, Inc.

Divide and Conquer: Functional Beauty
Yet another mid-20s advance in terrazzo came with the availability of brass divider strips, which made possible the creation of highly artistic and intricate patterns and designs in terrazzo floors. From the early forms of terrazzo, divider strips, beginning with wood and evolving to marble along with zinc metal and even plastic, have allowed for expansion and contraction of the surface to prevent cracking.

Limitless Colors, Ultimate in Design & Performance
In more recent years, new developments with epoxies, polyesters, latex and acrylics have continued to make terrazzo ever more cost-effective, high functioning and versatile. The spectrum of colors is now unlimited. Rustic terrazzo is uniformly textured surface designed for exterior use in which the matrix is depressed to expose the chips. The newer thin-set and epoxy-based terrazzo options are less labor intensive with greater design flexibility.

For More Information Please Call: The National Terrazzo & Mosaic Association 800.323.9736 Fax: 888.362.2770 www.ntma.com info@ntma.com