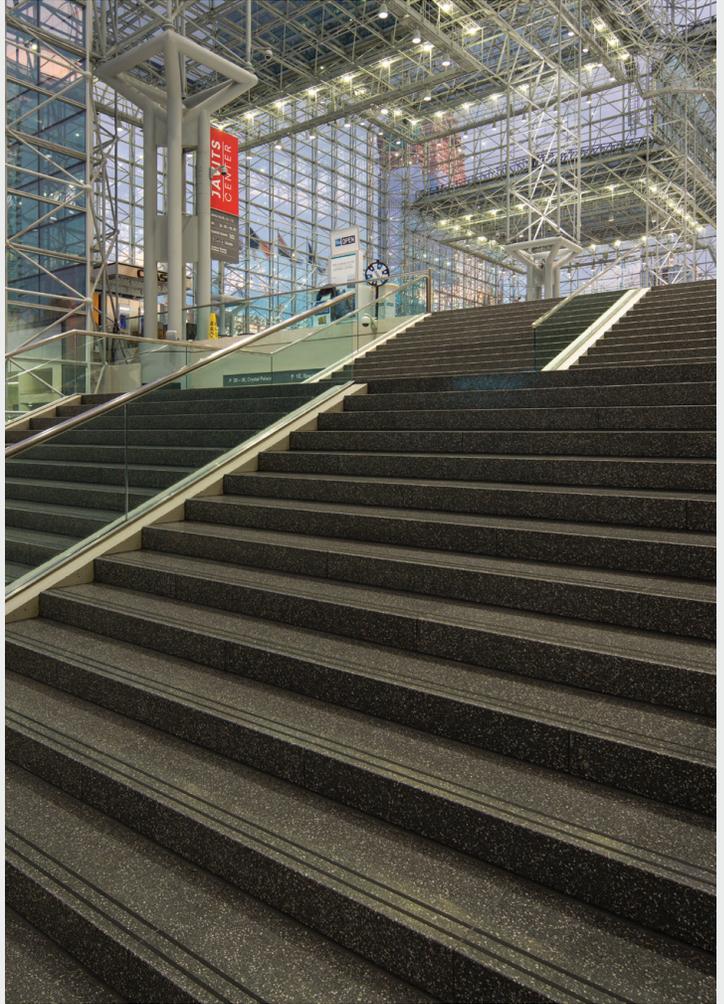




WAUSAU TILE

**CUSTOM PRECAST
EPOXY TERRAZZO**



Javits Convention Center | New York, NY | Precast Epoxy Terrazzo Tread and Risers

CUSTOM PRECAST EPOXY TERRAZZO

Timeless tradition, cutting-edge technology, endless innovation and detailed design converge in our sought-after custom precast terrazzo. Wausau Tile is a leading manufacturer of this carefully crafted composite, which creates beautiful, unique and lasting surfaces. The perfect solution for everything from floors to countertops and wall treatments to stairs – our custom precast terrazzo will breathe new life into any project.

To maintain your overall look and appeal, all products can be easily matched with your custom colors and most of our standard terrazzo tile colors.

Wausau Tile can also provide tread installation guidance. Should you have a difficult installation or have custom needs, we have the engineers and designers on hand to assist you at any time.



Phoebe Hearst Elementary | Sacramento, CA | Precast Epoxy Terrazzo Tread and Risers

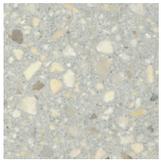
EPOXY TERRAZZO

From treads and risers, to landing panels, cove and wainscot panels, Wausau Tile's epoxy terrazzo creates a classy, continuous look that can easily extend to match any nearby tile. Epoxy allows for bright, bold color creations that you'll need to see to believe. Create yours and step toward a striking new look.

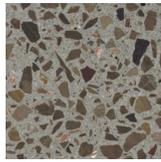
STRUCTURAL EPOXY STAIRCASES

No manufacturer can match Wausau Tile's expertise or capacity for complexity when it comes to creating custom structural epoxy staircases. These show-stopping centerpieces that effortlessly flow from floor to floor stem from meticulous craftsmanship and customer service. Each undertaking begins with detailed drawings and optional foam mockups to ensure an exact fit, and the resulting works step up the professional appeal of buildings worldwide.

STANDARD EPOXY PRECAST TERRAZZO



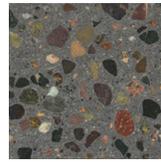
TZ01
SPRING MIST



TZ02
OUTER BANKS



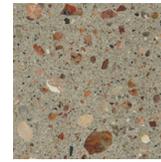
TZ03
FOGGY DAY



TZ04
DEEP WATERS



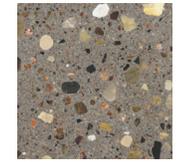
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DRIFTWOOD



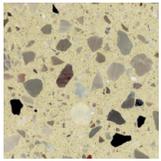
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TREE MOSS



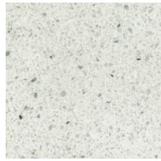
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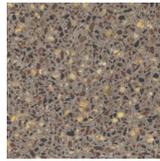
TZ08
RIVER ROCK



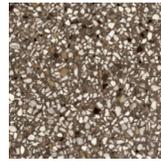
TZ09
SUNNY SHORES



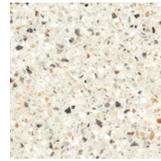
TZ10
FULL MOON



TZ11
MERCURY RISING



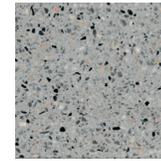
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NEBULA



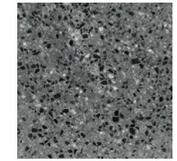
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COMET



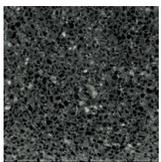
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STARDUST



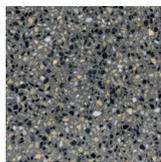
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GRAY MATTER



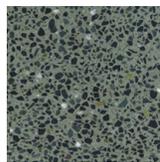
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ECLIPSE



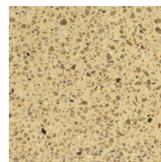
TZ17
BLACK OF NIGHT



TZ18
METEOR



TZ19
EARTH BOUND



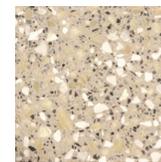
TZ20
SATURN'S RING



TZ22
PARCHMENT



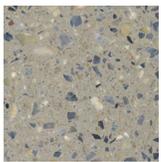
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FLAX



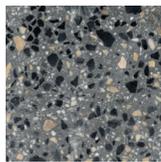
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JUTE



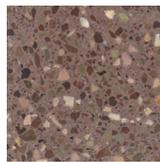
TZ25
MOURNING DOVE



TZ26
SAGE



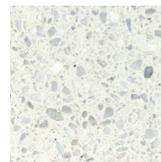
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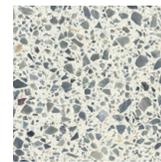
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CINNAMON



TZ29
GINGER



TZ30
CRUSHED ICE



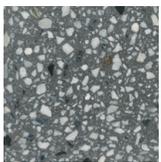
TZ31
COTTAGE GRAY



TZ32
OYSTER SHELL



TZ33
GRAPHITE



TZ34
NIGHT OWL



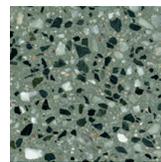
TZ35
TURTLE DOVE



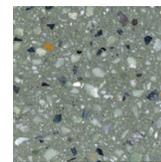
TZ36
PINK CHAMPAGNE



TZ37
SPEARMINT



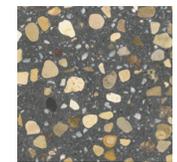
TZ38
MINT JULEP



TZ39
GREEN TEA



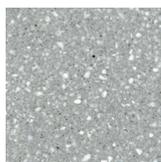
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FRESH LIME



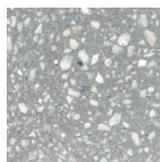
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SLEEPY HOLLOW



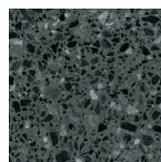
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SHORELINE



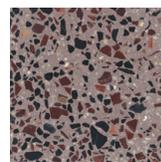
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STEEL



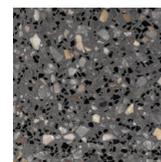
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SLATE



TZ90
MIDNIGHT



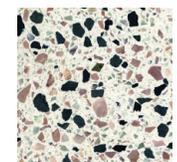
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NUTMEG



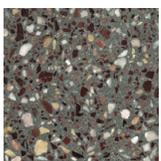
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PEWTER



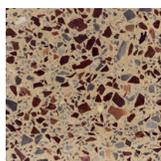
TZ93
SILVER DUST



TZ94
CRYSTAL QUARTZ



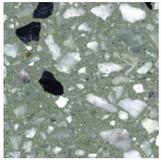
TZ95
COFFEE BEAN



TZ96
CARAWAY SEED

Custom match samples are required for all precast epoxy and precast cement projects. Some variations will exist as our tiles are machine pressed while precast products are a hand poured and finish product.

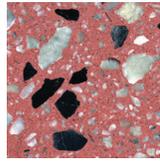
PREMIUM EPOXY PRECAST TERRAZZO



ML11
ALGONQUIN



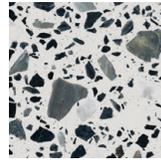
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HIGHLANDS



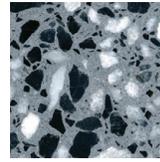
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MUSKOKA



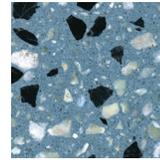
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PRAIRIE



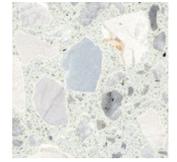
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WHISTLER



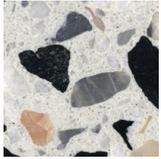
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LAURENTIAN



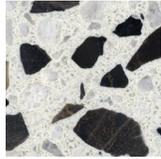
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HURON



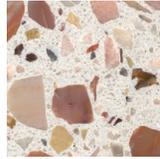
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PISA



SST11
DALMATA



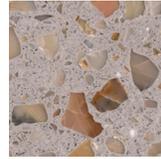
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BIANCO



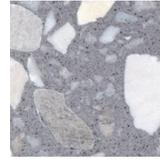
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ZUCCA



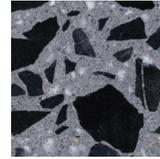
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SOLE



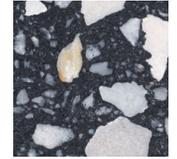
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COLOSSEUM



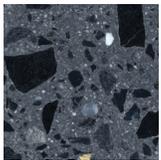
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VENERE



SST17
NOTTE



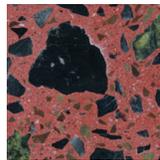
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ROMAN



SST19
CAFFE



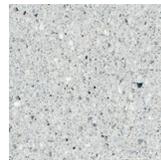
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RAVELLO



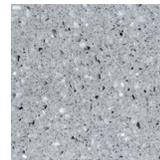
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POMPEII



TZ301
FROST



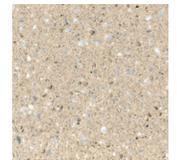
TZ302
PLATINUM



TZ303
STERLING



TZ304
VAPOR



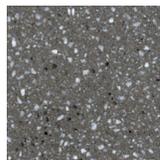
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LATTE



TZ306
STRAW



TZ307
MOCHA



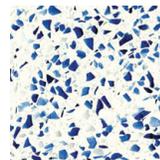
TZ308
TWILIGHT



TZ309
COAL



TZ41
SWISS ALPS



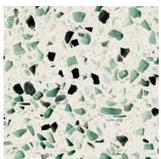
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BLUE HAWAII



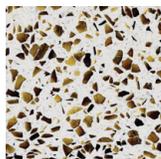
TZ43
ST TROPEZ



TZ44
CANCUN



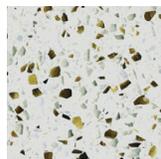
TZ45
KEY WEST



TZ46
MOROCCO



TZ47
BARBADOS



TZ48
RIVIERA



TZ53
ANALYTICAL



TZ54
AMBIENCE



TZ63
BRILLIANCE



TZ65
ESSENCE



TZ68
RADIANCE



ML10
JASPER

Precast Epoxy Terrazzo Specification – Treads, Base, Stringers and other amenities Section 09 66 00

Part 1 – General

1.01 SUMMARY

- A. Types of Precast Terrazzo work included:
 - 1. Precast Terrazzo Stairs
 - 2. Precast Terrazzo Base
 - 3. Precast Terrazzo Sills
 - 4. Precast Terrazzo Copings
 - 5. Precast Terrazzo Other
- B. Setting material, grouts, sealants and caulks
- C. Installation of precast terrazzo stairs, base, sills, etc.
- D. Related work not specified under this section
 - 1. Installation of steel stairs to receive precast terrazzo

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM C-150
 - 2. ASTM C-33
 - 3. ASTM C-140
 - 4. ASTM C-293
 - 5. ASTM C-1028
- B. National Terrazzo and Mosaic Association Inc. (NTMA)
- C. Federal Register Part III
 - 1. 28 CFR Part 36

1.03 SUBMITTALS

- A. Shop Drawings
 - 1. Submit shop drawings of all precast terrazzo items showing detail sections and profile for all precast items. Details shall show all reinforcing and special hardware for fastening.
- B. Samples:
 - 1. Submit maximum of 3 samples 3" x 6" size for all color.
 - a. Color to be selected from Wausau Tile color pallet.
 - 2. Submit two copies of NTMA maintenance literature.
 - 3. Quality Assurance and Procedure Program
- C. Performance Requirements:
 - 1. Compressive Strength 10,000 p.s.i.
 - 2. Flexural Strength 3,000 p.s.i.
- D. Certification:
 - 1. Suppliers shall furnish certification attesting that materials meet specification requirements.

1.04 QUALITY ASSURANCE

- A. NTMA Standards: Comply with specified provisions and recommendations of the National Terrazzo & Mosaic Association, Inc. (NTMA).
- B. Manufacturer's Instructions: In addition to specified requirements, comply with precast terrazzo manufacturer's instructions and recommendations for substrate preparation, materials storage, mixing and application, finishing and curing.
- C. Qualifications: Precast Terrazzo Manufacturer and Trade Contractor must have a minimum of 5 years of successful experience on projects of similar magnitude and complexity to that indicated project. Manufacturer and contractor to be prequalified by Architect prior to bidding. Failure to prequalify will void bid.
- D. Manufacturer to supply a written Quality Assurance Program and Procedure manual.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Packaging and Shipping: Precast terrazzo to be palletized and shrink wrapped, delivered in original unopened packaging with legible manufacturer identification, including size, piece number, quantities, manufacturer date and inspector initials.
- B. Storage and Protection: Precast terrazzo to be stored indoors, in a climate-controlled environment, sheltered from moisture in original packaging. Protect from damage by other trades.
- C. Report all damage due to shipment immediately. Customer is required to sign the Bill of Lading slip noting damaged product. Picture proof is required.

1.06 WARRANTY

- A. Manufacturer/Installer shall warrant installed system for a period of 1 year from date of substantial completion against failure of workmanship and materials.

Part 2 – Products

2.01 MANUFACTURERS

- A. Acceptable Manufacturer:
 - 1. Wausau Tile, Inc.
- B. Clarification Note: Drawings and specifications are based on manufacturer's proprietary literature from Wausau Tile, Inc. Other manufacturers shall comply with minimum levels of material specifications and detailing indicated on the drawings of specified herein.

2.02 MATERIALS

- A. Epoxy Resin
- B. Aggregates: All aggregates to meet ASTM C-33 specifications, cleaned and properly graded to size. Aggregate shall be blended to meet individual project requirements.
- C. Marble chips, size to conform with NTMA gradation standards.
- D. Abrasive Inserts: Shall consist of silica carbide and black epoxy. Specify one to three lines.
- E. Caulks & Sealants:
 - 1. Urethane or Polyurethane Sealant
 - 2. Color to be selected by Architect from standard color pallet.
- F. Cleaner: Liquid neutral chemical cleaner, with pH factor between 7 and 8, of formulation recommended by sealer manufacture for type of precast terrazzo used and complying with NTMA requirements.
- G. Sealer: Colorless, slip and stain-resistant penetrating sealer with pH factor between 7 and 8, that does not affect color or physical properties of precast terrazzo surface. Flash point (ASTM D56): 80 degrees F, Minimum.

2.03 MANUFACTURED UNITS

- A. Sizing Tolerances:
 - 1. All units to conform to shop drawings with a 1/16" tolerance in dimension.
- B. Precast Surfaces and Edges:
 - 1. All exposed edges to be ground and polished with a minimum of 1/16" bevel.
 - 2. All finished surfaces to be ground and polished, free of holes and to have overall uniformity in matrix and aggregate.
 - 3. All precast epoxy terrazzo finished surfaces to be sealed with a sealer approved by manufacturer.

Part 3 - Execution

3.01 INSPECTION

- A. Examine areas to receive precast terrazzo for the following:
 - 1. Defects in existing work.
 - 2. Deviations beyond allowable tolerances for the substrate.
- B. Start work only when all defects have been corrected by others.

3.02 INSTALLATION

- A. Setting:
 - 1. Setting methods will vary per product. Set accurately as shown on the approved shop drawings. Contact your setting material manufacturer with any questions on proper bonding of all materials.
Setting methods are:
 - a. Epoxy based setting materials: Contact your selected manufacturer as recommended or specified. Setting materials can change without notice.
 - b. Weld attachment: Contact Wausau Tile for recommended welding guidelines as provided by the structural engineer. DO NOT run a continuous weld when attaching terrazzo to avoid over-heating and cracking of the terrazzo.
 - 2. All thinset materials, whether cement or epoxy based, will require a full setting bed be applied to all appropriate surfaces of the precast terrazzo, vertical and horizontal, where contact is made with the substrate or structural base.
 - 3. Alignment of precast should be straight and true to all dimensions. It may not vary more than 1/8" in length, height or width.
 - 4. Install anchors as shown on details, if required.
 - 5. Fill joints between with manufacturer – approved caulk or as specified.
- B. Protection:
 - 1. Upon completion, the work shall be ready for final inspection and acceptance by owner or owner agent.
 - 2. General Contractor shall protect the finished work from the time the terrazzo contractor completes the work.
- C. Finish: All precast epoxy terrazzo finished surfaces to be sealed with a sealer approved by manufacturer.