



TERRAZZO
GRANITECH
UNITED STATES of AMERICA

TERRAZZO GraniTech USA

WATERPROOF SEAMLESS ARCHITECTURAL SURFACES

Trowel- and brush-applied, waterproof, non-cementitious seamless surfaces for floors, bathrooms, walls and exteriors — for new construction and no-demo remodels alike.

PLASTER FINISHES

- › **Fine • Medium • Microterrazzo** — vary by grain, finer to coarser, in monochrome or with embedded aggregate
- › **Gaia** — wall-only waterproof limewash alternative for wet, high-traffic areas

RESIN-BOUND STONE FINISHES

- › **Micromosaic** — interior and exterior — a value-engineered alternative to traditional terrazzo
- › **Monolith** — exterior only — driveways, patios, pool decks, walkways

Project information

PROJECT NAME

PROJECT NUMBER

LOCATION

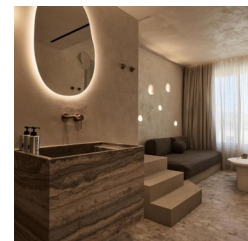
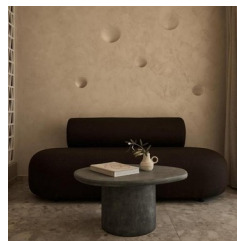
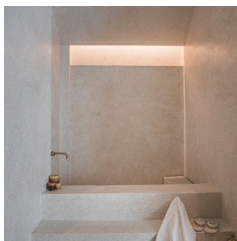
DATE

ARCHITECT / DESIGNER OF RECORD

CONTRACTOR

PREPARED BY

SUBMITTAL / REVISION NO.



Installation

TERRAZZO GraniTech USA is a product supplier, backed by a nationwide network of preferred installers. Fill out our [Application Services form](#) and we'll match you with a trained installer in your area.

TERRAZZO GraniTech USA • 2750 NW 3rd Ave #13, Miami, FL 33127 • 786 396 6810 • info@terrazzo-usa.com • terrazzo-usa.com



PROJECT _____

DATE _____ • SECTION 09 62 00

Three steps make the specification. Find the sheet for your finish, fill in the blanks using the options listed under each one, and send it back with the additional information below.

1

Find your sheet

Match your finish to its sheet — TG-1 through TG-6.

2

Fill in the blanks

Each blank has its options listed right below it — surface type, color, sheen and more.

3

Send it back

Return the completed sheet to us with the additional information below.

ADDITIONAL INFORMATION TO SUBMIT**Substrate**

What the finish goes over: drywall at Level 4 or better, cement board taped and waterproofed, smooth concrete free of cracks, sound existing tile, or concrete or asphalt outdoors. The substrate must be smooth and stable; preparatory labor is by the general contractor or quoted separately by the applicator.

Take-offs or plans

Send the take-offs, or the plans. Quantities are calculated by TERRAZZO GraniTech — the quantity is not part of the specification.

Primers and sealers are not specified by the design team.

TERRAZZO GraniTech selects the primer, the reinforcement, the coat count, the sanding grits, the sealer system and the slip grade from the surface type and substrate submitted above. Sheet TG-S records them for the contractor. Movement is optional: any finish takes any movement, so a photograph or reference may be submitted with the schedule.





PROJECT _____

DATE _____ • SECTION 09 62 00

Each finish is a separate data sheet. Find the sheet for your finish, fill in the blanks using the options listed under each one, and return it; the system components on sheet TG-S are chosen by us and are included for the contractor's reference, not for specification.

PRODUCT DATA SHEETS				
One sheet per finish • for reference and record				
MARK	PRODUCT	SURFACE TYPE	SYSTEM	SHEET
TG-1	TERRAZZO GraniTech Fine	Interior & exterior floors and walls, facades, pool interiors	Plaster • ~1/8"	4
TG-2	TERRAZZO GraniTech Medium	Interior & exterior floors and walls, facades, pool interiors	Plaster • ~1/8"	5
TG-3	TERRAZZO GraniTech Microterrazzo Roma • 600Q • Zambia	Interior & exterior floors and walls, facades, pool interiors	Plaster • ~1/8"	6
TG-4	Gaia — waterproof limewash alternative	Interior & wet-area walls, facades	Plaster • ~1/8"	7
TG-5	Monolith	Exterior floors and stairs	Resin-bound stone • ~3/8" – 5/8"	8
TG-6	Micromosaic	Interior & exterior floors	Resin-bound stone • ~3/8" – 5/8"	9

APPENDIX — SCHEDULES AND REFERENCE SHEETS				
What to complete, and what is supplied for information				
MARK	SHEET	WHAT IT COVERS	ACTION	SHEET
—	Appendix divider	Section marker	—	10
—	Product & finish reference	Why specify, finish comparison, movement gallery, color & sheen guide	For reference	11–14
TG-B	System build-up	Every layer, plaster and resin-bound stone; warranty terms	Reference only	15
TG-D	Specifying it, and coordinating it	CSI placement, applications, trade coordination	Reference only	16
TG-I	Installation guidelines	Seven stages, by a certified applicator	Reference only	17
TG-X	Finish eligibility by surface	Which finishes are eligible for each surface type	Reference only	18
TG-S	System components — selected by us	Materials, primers, reinforcement, sealers, application conditions	Reference only	19
TG-C	Care, maintenance and protection	Curing and protection, everyday care, resealing cycle, material storage	Reference only	20

Movement and finish grain

Any finish accepts any movement pattern. Movement is created by application technique — trowel work, dilution, sanding and sealer — not by the material itself.



PROJECT _____

DATE _____ • SECTION 09 62 00

Finish: TERRAZZO GraniTech Fine**Composition:** Natural granite + acrylic resin; cement-free, lime-free**Description:** Finest grain; soft, velvety surface**Application:** Trowel-applied, or brush-applied with controlled dilution**Packaging:** 22 lb (10 kg) ready-to-use paste

TG-1 • FINE — FINEST GRAIN



TO SPECIFY — FILL IN AND RETURN

Surface type: _____

options: interior floors / exterior floors / wet-area walls / interior walls / exterior walls / facades / pool interiors

Color: _____options: 55+ standard colors or custom match — see www.terrazzo-usa.com/colors**Sheen:** _____

options: matte / satin / semi-gloss / high-gloss

DIMENSIONAL FEATURES

Supplier technical data

Coats	1 – 2 coats over a Medium base	Supplier data
Coat thickness	~1 mm per coat	Supplier data
Total system thickness	~1/8" including primer, mesh and sealers	Supplier data
Reinforcement	Fiberglass mesh in wet areas and on floors	Supplier data
Shelf life	12 months from manufacture, unopened	Supplier data

MECHANICAL FEATURES

Reference standards: EN 13892 • EN 1542 • EN 1770 • EN ISO 6272-1

Surface hardness	11.5 N/mm ²	EN 13892-06:2002
Flexural & compressive strength	Flexural 3.3 N/mm ² • Compressive 3.6 N/mm ²	EN 13892-02:2002
Wear resistance (Böhme)	Certified — report on request	EN 13892-03:2015
Pull-off / adhesion strength	fu 2.43 N/mm ²	EN 1542:2001
Impact resistance	Certified — no cracking or peeling	EN ISO 6272-1:2011 §7.2
Thermal expansion	17.3 × 10 ⁻⁶ /°C	EN 1770:2000
Thermal conductivity	0.429 W/mK	Supplier data
Thermal resistivity	2.331 mK/W	Supplier data
Antibacterial	Certified — inherent to the sealed finish	Supplier data

WATER, SLIP AND CHEMICAL FEATURES

Reference standards: EN 1062-3 • DIN 51130 • DIN 51097

Liquid water permeability	Waterproof prior to sealing; 0.040 kg/m ² h ^{0.5} absorption once cured	EN 1062-3:2008
Slip resistance — with footwear	R11	DIN 51130
Slip resistance — barefoot	Class B	DIN 51097
VOC content	Low VOC (< 50 g/L) — low odor, non-toxic	Supplier data
Chemical resistance	Resists chemical agents; pH-compatible sealer system	Supplier data
Chalking / efflorescence	None — cement-free and lime-free, no carbonation	Supplier data

TG-2

TERRAZZO GraniTech Medium

TERRAZZO
GRANITECH
UNITED STATES OF AMERICA

PROJECT _____

DATE _____ • SECTION 09 62 00

Finish: TERRAZZO GraniTech Medium**Composition:** Natural granite + acrylic resin; cement-free, lime-free**Description:** Slightly coarse grain; textured or smooth depending on sealer**Application:** Trowel-applied. Base build for the system, or a standalone finish**Packaging:** 42 lb (19 kg) ready-to-use paste

TG-2 • MEDIUM — SLIGHTLY COARSE GRAIN



TO SPECIFY — FILL IN AND RETURN

Surface type: _____

options: interior floors / exterior floors / wet-area walls / interior walls / exterior walls / facades / pool interiors

Color: _____options: 55+ standard colors or custom match — see www.terrazzo-usa.com/colors**Sheen:** _____

options: matte / satin / semi-gloss / high-gloss

DIMENSIONAL FEATURES

Supplier technical data

Coats	2 – 3 coats depending on whether mesh is used	Supplier data
Coat thickness	~1 mm per coat	Supplier data
Total system thickness	~1/8" including primer, mesh and sealers	Supplier data
Sanding between coats	120 – 220 grit (80 grit at applicator's discretion)	Supplier data
Shelf life	12 months from manufacture, unopened	Supplier data

MECHANICAL FEATURES

Reference standards: EN 13892 • EN 1542 • EN 1770 • EN ISO 6272-1

Surface hardness	11.5 N/mm ²	EN 13892-06:2002
Flexural & compressive strength	Flexural 3.3 N/mm ² • Compressive 3.6 N/mm ²	EN 13892-02:2002
Wear resistance (Böhme)	Certified — report on request	EN 13892-03:2015
Pull-off / adhesion strength	fu 2.43 N/mm ²	EN 1542:2001
Impact resistance	Certified — no cracking or peeling	EN ISO 6272-1:2011 §7.2
Thermal expansion	17.3 × 10 ⁻⁶ /°C	EN 1770:2000
Thermal conductivity	0.429 W/mK	Supplier data
Thermal resistivity	2.331 mK/W	Supplier data
Antibacterial	Certified — inherent to the sealed finish	Supplier data

WATER, SLIP AND CHEMICAL FEATURES

Reference standards: EN 1062-3 • DIN 51130 • DIN 51097

Liquid water permeability	Waterproof prior to sealing; 0.040 kg/m ² h ^{0.5} absorption once cured	EN 1062-3:2008
Slip resistance — with footwear	R11	DIN 51130
Slip resistance — barefoot	Class B	DIN 51097
VOC content	Low VOC (< 50 g/L) — low odor, non-toxic	Supplier data
Chemical resistance	Resists chemical agents; pH-compatible sealer system	Supplier data
Chalking / efflorescence	None — cement-free and lime-free, no carbonation	Supplier data



PROJECT _____

DATE _____

SECTION 09 62 00

Finish: TERRAZZO GraniTech Microterrazzo**Composition:** Natural granite + acrylic resin; cement-free, lime-free**Description:** Embedded black and beige aggregates of 0.6 – 0.8 mm; microterrazzo speckle in one seamless plane**Application:** Trowel-applied. Standalone system — no Medium base required**Base:** White by default; tinted with any TERRAZZO GraniTech Medium pigment**Packaging:** 600Q 51 lb (23 kg) • Roma and Zambia 55 lb (25 kg)**TO SPECIFY — FILL IN AND RETURN****Blend:** _____*options: Roma / 600Q / Zambia — see the family box below***Surface type:** _____*options: interior floors / exterior floors / wet-area walls / interior walls / exterior walls / facades / pool interiors***Color:** _____*options: Medium pigment — light tones recommended — see www.terrazzo-usa.com/colors — leave blank for the standard white background***Sheen:** _____*options: matte / satin / semi-gloss / high-gloss***THE TERRAZZO GRANITECH MICROTERRAZZO FAMILY**

TERRAZZO GraniTech Microterrazzo embeds stone aggregate of 0.6 – 0.8 mm in the surface itself — a microterrazzo speckle reading through one seamless plane, applied at about 2 mm per coat. It is available in **three variations, set by the amount of stone:** Roma carries the least, 600Q the middle ground, Zambia the most. All three begin on a **white base** and can be tinted with **any of the Medium pigments** to change the background color — we recommend the light colors, so the stone stays in view.

**ROMA**

The least speckle — soft and near-plain

**600Q**

The middle ground — a measured scatter of larger flakes

**ZAMBIA**

The fullest speckle — dense and even

*Applied and pigmented the same way as TG-1. Full buckets: 600Q 51 lb (23 kg); Zambia and Roma 55 lb (25 kg).***DIMENSIONAL FEATURES**

Supplier technical data

Coats	1 – 2 coats at ~2 mm per coat, standalone	Supplier data
Aggregate	Black and beige, 0.6 – 0.8 mm	Supplier data
Total system thickness	~1/8" including primer, mesh and sealers	Supplier data
Shelf life	12 months from manufacture, unopened	Supplier data

MECHANICAL FEATURES

Reference standards: EN 13892 • EN 1542 • EN 1770 • EN ISO 6272-1

Surface hardness	11.5 N/mm ²	EN 13892-06:2002
Flexural & compressive strength	Flexural 3.3 N/mm ² • Compressive 3.6 N/mm ²	EN 13892-02:2002
Wear resistance (Böhme)	Certified — report on request	EN 13892-03:2015
Pull-off / adhesion strength	fu 2.43 N/mm ²	EN 1542:2001
Impact resistance	Certified — no cracking or peeling	EN ISO 6272-1:2011 §7.2
Thermal expansion	17.3 × 10 ⁻⁶ /°C	EN 1770:2000
Thermal conductivity	0.429 W/mK	Supplier data
Thermal resistivity	2.331 mK/W	Supplier data
Antibacterial	Certified — inherent to the sealed finish	Supplier data

WATER, SLIP AND CHEMICAL FEATURES

Reference standards: EN 1062-3 • DIN 51130 • DIN 51097

Liquid water permeability	Waterproof prior to sealing; 0.040 kg/m ² h ^{0.5} absorption once cured	EN 1062-3:2008
Slip resistance	R11 with footwear • Class B barefoot	DIN 51130 / DIN 51097
VOC content	Low VOC (< 50 g/L) — low odor, non-toxic	Supplier data
Chemical resistance	Resists chemical agents; pH-compatible sealer system	Supplier data
Chalking / efflorescence	None — cement-free and lime-free	Supplier data



PROJECT _____

DATE _____ • SECTION 09 62 00

Finish: TERRAZZO GraniTech Gaia**Composition:** Natural granite + acrylic resin**Description:** Waterproof limewash alternative — soft, chalky matte, without fading, cracking or chalking**Application:** Brush- or trowel-applied, 2 coats**Build:** Level 4–5 drywall, plaster or masonry; wet areas: cement board, waterproofed, with a thinset skim coat — not floors or pool decks.**Packaging:** 33 lb (15 kg) ready-to-use paste

TG-4 • GAIA — INTERIOR WALLS ONLY



TO SPECIFY — FILL IN AND RETURN

Surface type: _____*options: interior walls / wet-area walls / facades / exterior walls***Color:** _____*options: 55+ standard colors or custom match — see www.terrazzo-usa.com/colors***Sheen:** _____*options: set by sealer, 1 – 2 coats*

DIMENSIONAL FEATURES

Supplier technical data

Coats	2 coats of material + 1 – 2 coats of sealer	Supplier data
Total system thickness	~1/8"	Supplier data
Substrate	Level 4–5 drywall, plaster or masonry; wet areas: cement board, waterproofed, with a thinset skim coat	Supplier data
Wet-area rating	Rated for baths and steam	Supplier data
Shelf life	12 months from manufacture, unopened	Supplier data

MECHANICAL FEATURES

Reference standards: EN 13892 • EN 1542 • EN 1770 • EN ISO 6272-1

Surface hardness	11.5 N/mm ²	EN 13892-06:2002
Flexural & compressive strength	Flexural 3.3 N/mm ² • Compressive 3.6 N/mm ²	EN 13892-02:2002
Wear resistance (Böhme)	Certified — report on request	EN 13892-03:2015
Pull-off / adhesion strength	fu 2.43 N/mm ²	EN 1542:2001
Impact resistance	Certified — no cracking or peeling	EN ISO 6272-1:2011 §7.2
Thermal expansion	17.3 × 10 ⁻⁶ /°C	EN 1770:2000
Thermal conductivity	0.429 W/mK	Supplier data
Thermal resistivity	2.331 mK/W	Supplier data
Antibacterial	Certified — inherent to the sealed finish	Supplier data

WATER, SLIP AND CHEMICAL FEATURES

Reference standards: EN 1062-3 • DIN 51130 • DIN 51097

Liquid water permeability	Waterproof prior to sealing; 0.040 kg/m ² h ^{0.5} absorption once cured	EN 1062-3:2008
Slip resistance — with footwear	R11	DIN 51130
Slip resistance — barefoot	Class B	DIN 51097
VOC content	Low VOC (< 50 g/L) — low odor, non-toxic	Supplier data
Chemical resistance	Resists chemical agents; pH-compatible sealer system	Supplier data
Chalking / efflorescence	None — cement-free and lime-free, no carbonation	Supplier data



PROJECT _____

DATE _____ • SECTION 09 62 00

Finish: Monolith — water-permeable resin-bound stone finish

Composition: Kiln-dried natural aggregate in UV-stable polyurethane binder

Description: Water-permeable exterior surfacing; loose-stone appearance held permanently in place. Texture is set by application and sanding. Sheen is set separately, by the sealer.

Application: Laid over sound prepared concrete or asphalt, or existing tile with joints closed

TG-5 • MONOLITH — SPECIFY STONE, NOT COLOR

TO SPECIFY — FILL IN AND RETURN

Surface type: _____

options: exterior floors / stairs (including risers)

Resin-bound stone: _____

options: over 20 resin-bound stone blends — see www.terrazzo-usa.com/monolith

Sealer: _____

options: matte / satin

DIMENSIONAL FEATURES

Supplier technical data

System thickness — foot traffic	~3/8"	Supplier data
System thickness — car traffic	~5/8"	Supplier data
Reinforcement	Fiberglass mesh over epoxy primer and silica sand	Supplier data
Permeability	Up to 24 gallons per sq ft per minute; zero surface runoff	Supplier data
Binder	UV-stable polyurethane — will not amber	Supplier data
Control joints	Recommended every 50–65 ft	Supplier data

WATER, SLIP AND CHEMICAL FEATURES

Reference standards: EN 1062-3 • DIN 51130 • DIN 51097

Water permeability	Fully permeable by design — drains through the surface	Supplier data
Slip resistance	Anti-slip (R11) only when finished with an R11-rated sealer; otherwise hand-troweled texture, grip retained when wet	DIN 51130
UV stability	UV-stable polyurethane; no yellowing	Supplier data
Freeze-thaw	Flexible binder; withstands repeated freeze-thaw cycling	Supplier data



PROJECT _____

DATE _____ • SECTION 09 62 00

Finish: Micromosaic — value-engineered terrazzo system

Composition: Monolith aggregate bed + TERRAZZO GraniTech Fine monochrome coat

Description: Seamless terrazzo appearance; resurfaced, not poured. Sanded back until the stone breaks through. Texture is set by application and sanding. Sheen is set separately, by the sealer.

Application: Laid over sound existing tile or concrete

Sealers: PU sealers; anti-slip optional

TG-6 • MICROMOSAIC — SPECIFY STONE + COLOR

TO SPECIFY — FILL IN AND RETURN

Surface type: _____

options: interior floors / exterior floors

Resin-bound stone: _____

options: over 20 resin-bound stone blends — see www.terrazzo-usa.com/monolith

Color: _____

options: TERRAZZO GraniTech Fine color, 55+ standard or custom match — see www.terrazzo-usa.com/colors

DIMENSIONAL FEATURES

Supplier technical data

System thickness — foot traffic	~3/8"	Supplier data
System thickness — car traffic	~5/8"	Supplier data
Build	Epoxy primer • mesh • Monolith • Fine coat • sealers	Supplier data
Finish	Sanded back; stone-to-color balance set on site	Supplier data
Shelf life	12 months from manufacture, unopened	Supplier data
Control joints	Recommended every 50–65 ft	Supplier data

MECHANICAL FEATURES

Reference standards: EN 13892 • EN 1542 • EN 1770 • EN ISO 6272-1

Surface hardness	11.5 N/mm ²	EN 13892-06:2002
Flexural & compressive strength	Flexural 3.3 N/mm ² • Compressive 3.6 N/mm ²	EN 13892-02:2002
Wear resistance (Böhme)	Certified — report on request	EN 13892-03:2015
Pull-off / adhesion strength	fu 2.43 N/mm ²	EN 1542:2001
Impact resistance	Certified — no cracking or peeling	EN ISO 6272-1:2011 §7.2
Thermal expansion	17.3 × 10 ⁻⁶ /°C	EN 1770:2000
Thermal conductivity	0.429 W/mK	Supplier data
Thermal resistivity	2.331 mK/W	Supplier data
Antibacterial	Certified — inherent to the sealed finish	Supplier data

WATER, SLIP AND CHEMICAL FEATURES

Reference standards: EN 1062-3 • DIN 51130 • DIN 51097

Liquid water permeability	Waterproof prior to sealing; 0.040 kg/m ² h ^{0.5} absorption once cured	EN 1062-3:2008
Slip resistance — with footwear	R11	DIN 51130
Slip resistance — barefoot	Class B	DIN 51097
VOC content	Low VOC (< 50 g/L) — low odor, non-toxic	Supplier data
Chemical resistance	Resists chemical agents; pH-compatible sealer system	Supplier data
Chalking / efflorescence	None — cement-free and lime-free, no carbonation	Supplier data



TERRAZZO GRANITECH USA • PRODUCT SUBMITTAL

Appendix

Reference material for the design and specification team — product comparison, finish gallery, and color & sheen guide. Included for information; nothing here requires a signature.



SIX FINISHES. HERE'S WHY THE BEST PROJECTS SPECIFY THEM.

The TERRAZZO GraniTech collection spans two families of trowel- and brush-applied finishes: (i) waterproof, non-cementitious plaster finishes for floors, bathrooms, walls and exteriors, and (ii) resin-bound stone finishes for floors — interior and exterior. Request a Library Kit: info@terrazzo-usa.com.

Plaster finishes TERRAZZO GraniTech Fine · Medium · Microterrazzo · Gaia		1/8" system	
	Waterproof — certified. Waterproof prior to sealing and sealed as one complete system: showers, steam rooms, pool decks, balconies and interiors, without the failures that grout lines and cement-based coatings invite.		No demo, no permits. Laid straight onto existing tile and other sound substrates, so a remodel runs four to eight days rather than weeks — no demolition, no waste hauling, no waiting on a permit. The full case sits on page 18.
	One surface, any application. Interior or exterior, vertical or horizontal — walls, floors, wet areas, built-ins and façades all read as a single continuous skin, with no transition detail to design around.		Pro Connect, nationwide. Applicators certified at our Wynwood studio and working coast to coast: one specification, several bids, and one standard from the first sample to the final seal.
	Less maintenance. Higher ROI. No re-coat cycle and no chalk touch-ups; washable, and repairable in place. Lower upkeep across a longer service life returns real money to your client.		Cement-free, so it behaves. Without cement and without lime there is no carbonation and no shrinkage: a crack-resistant, denser finish that ages evenly instead of drifting in color.

Resin-bound stone finishes Monolith · Micromosaic		~3/8" – 5/8" system	
	MONOLITH Drainage, not just looks. Up to 24 gallons per square foot per minute pass straight through, with no surface runoff at all — the look of loose stone, held permanently in place over concrete, asphalt or existing tile.		MONOLITH A binder that won't amber. A UV-resistant polyurethane, specified in place of the cheaper aromatic resins that yellow outdoors within a year or two. Twenty kiln-dried blends to draw from.
	MICROMOSAIC Terrazzo, value-engineered. The terrazzo look without the pour, the grind or the tear-out — resurfaced over sound tile or concrete, for interior and exterior floors and stairs alike.		MICROMOSAIC Stone and color, tuned on site. Specified as an aggregate paired with a TERRAZZO GraniTech Fine color, the balance between the two set by how far the hand sands the surface back.

HOW TERRAZZO GRANITECH COMPARES WITH VENETIAN PLASTER, LIMEWASH AND CEMENT-BASED MICROCEMENT: PAGE 11

SPECIFIED BY				
BRYAN O'SULLIVAN	WECSELMAN DESIGN	CSM CONSTRUCTION SOLUTIONS	TF TAMARA FELDMAN	MG
WOODS BAGOT	DUNAGAN DESIGN	MD MEYER DAVIS	PLD NYC	PEMBROOKE & IVES


Waterproof
 CERTIFIED DECORATIVE
 FINISH


Mechanical strength
 HIGH STRENGTH + ELASTICITY


Memory Resin
 TECHNOLOGY


Scratch resistant
 HIGH SCRATCH RESISTANCE


Chemical resistant
 RESISTS CHEMICAL AGENTS


< 50 g/L VOC
 LOW ODOR · LOW VOC


11.5 N/mm²
 SURFACE HARDNESS


R11
 ANTI-SLIP GRADE


UV resistant
 RATED FOR EXTERIOR
 EXPOSURE


Impact resistant
 NO CRACKS OR PEELING


Cement-free
 GRANITE + ACRYLIC RESIN


Seamless
 JOINT-FREE, OR JOINTS AS
 DESIGNED



TERRAZZO GRANITECH: TWO PRODUCT FAMILIES, SIX FINISHES.

Trowel- and brush-applied, waterproof, non-cementitious seamless surfaces for floors, bathrooms, walls and exteriors — new construction and no-demo remodels alike. Crafted from granite and acrylic resin, they outperform cement-based microcement and limewash-style coatings — denser, longer-lasting, ageing more evenly. Our materials span two collections and six finishes: (i) **plaster finishes** — Fine, Medium, Microterrazzo (Roma, 600Q, Zambia) and Gaia — differing in grain size or carrying embedded aggregate for a monochromatic outcome; (ii) **resin-bound stone finishes** — **Monolith** (exterior only: driveways, patios, pool decks, walkways) and **Micromosaic** (interior and exterior: the value-engineered alternative to traditional terrazzo).

Plaster finishes hand-applied microtopping · walls, floors, ceilings, wet areas

1/8" system



Fine

FINEST GRAIN

A soft, velvety surface. Takes a brush with controlled dilution.
Walls, floors, wet areas.



Medium

SLIGHTLY COARSE GRAIN

The base build beneath Fine — or a finish in its own right where texture is wanted.
Walls, floors, wet areas.



Microterrazzo

LARGE GRAIN · VISIBLE AGGREGATE

Three amounts of stone — Roma, 600Q, Zambia.
Standalone, no base build.
Walls, floors, wet areas.



Gaia

LIMEWASH ALTERNATIVE

Granite and resin formulated to give the limewash look and none of its failings.
Interior walls only, baths and steam included.

Resin-bound stone finishes natural aggregate suspended in resin · floors and stairs

~3/8" – 5/8" system



Monolith

EXTERIOR FLOORS · STONE ONLY

Chosen for how it looks and for where the water goes — no surface runoff.

Driveways, walkways, patios and pool decks, over sound concrete, asphalt or tile.

~3/8" foot traffic · ~5/8" car traffic. Specified by stone, not by color.



Micromosaic

INTERIOR & EXTERIOR FLOORS · STONE + COLOR

Chosen for the terrazzo look, value-engineered — resurfaced rather than poured.

The mosaic sits inside Monolith, sanded back until the stone breaks through.

~3/8" foot traffic · ~5/8" car traffic. Takes a stone and a color both.

Why designers reach for the resin-bound stone finishes. Monolith answers two briefs at once — the look of loose stone held permanently still, and permeability of up to **24 gallons per square foot per minute** (≈ 980 litres per m^2 per minute) with nothing running off the surface. Twenty kiln-dried blends, carried on a UV-resistant polyurethane binder that will not amber the way cheaper aromatic resins do, and laid over concrete, asphalt or existing tile once the joints are closed. Micromosaic answers a third: terrazzo, value-engineered — the stone without the pour, the grind or the tear-out.



CHOOSE YOUR FINISH IN FOUR EASY STEPS.

The finish sets the grain; the trowel writes the pattern. TERRAZZO GraniTech plaster finishes differ in grain size, from finer to coarser, and in whether they read monochrome or carry embedded aggregate. Movement and texture come from the trowel itself — which is why any finish can carry any movement, and why the nine below are a starting point rather than a menu.

STEP 1

Select the finish

Coarser or finer grain, with or without embedded aggregate for a microterrazzo look.

STEP 2

Select the color

55+ off-the-shelf colors, or a custom match made to your reference.

STEP 3

Select the sheen

Matte, satin, semi-gloss or gloss — or a polished shine finished with wax.

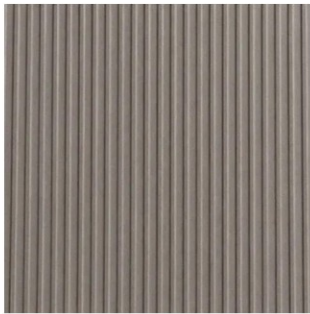
STEP 4

Select the movement

Share your target visuals. The Pro Connect applicator nearest the project makes your custom sample.

SELECT MOVEMENTS — FOR INSPIRATION

Any finish can achieve any movement. These are here to give you language for the conversation; for your project we make one to your target visuals.



FLUTED



PITTED STONE



LINEN



HONED STONE



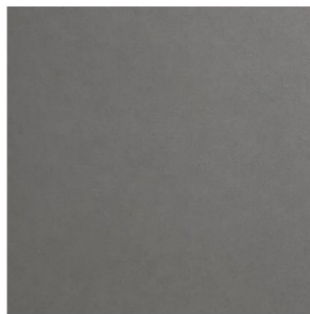
SCULPTED RELIEF



VEINED · LIMESTONE CLADDING



MARBLED



MONOLITHIC



DISTRESSED PLASTER

Send us the one you want. Share the target outcome — a photograph, a reference, a mood — and we will make a custom sample for your project. Review the sample options at terrazzo-usa.com/product-category/samples.



CHOOSING COLOR AND SHEEN: 55+ SHADES, FOUR SHEENS.

Color goes into the material on site, mixed by the applicator before a coat is laid; sheen is decided much later, at the sealer. The two are separate decisions made weeks apart, and both belong to all four plaster finishes — color to Micromosaic as well.

SHEEN IS SET BY THE SEALER, NOT THE TOPPING



Standard palette

55+ off-the-shelf colors, gathered into eight families — previewed overleaf and shown in full at terrazzo-usa.com/colors. Color is achieved on site with pigments supplied by TERRAZZO GraniTech USA and no others: pigments intended for paint or for other materials react with the sealer system and are not permitted.

Custom color

A custom match to your reference, made to order on request.

Sample board

6" × 4" as standard. Custom sizes and custom colors available on request.

Job-site mockup

Recommended on every project without exception. The approved mockup — not the board — sets the acceptable range for color, texture and sheen.



Sheen is chosen at the sealer, not at the topping — one color reads four different ways between matte and gloss.



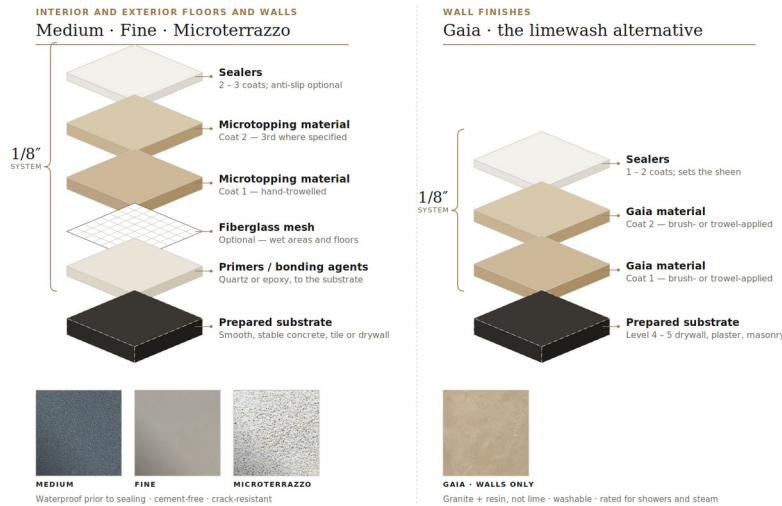
PROJECT _____

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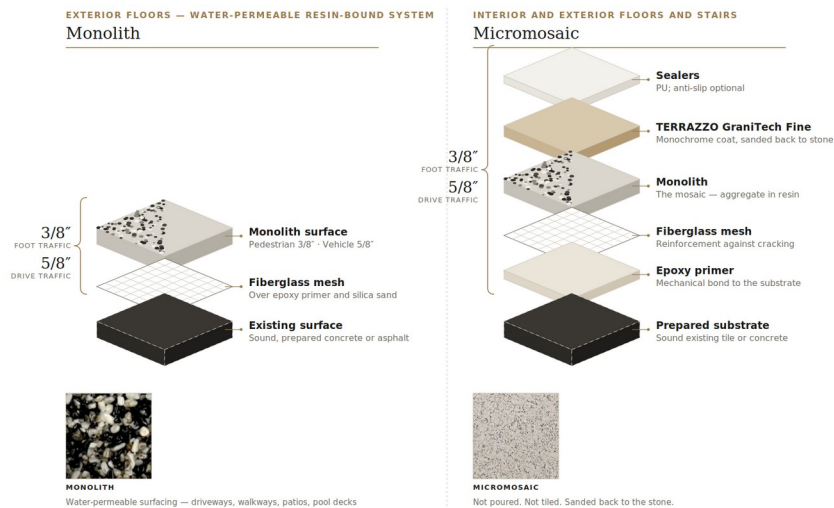
SECTION 09 62 00

Each finish is a system, not a single coat. The stacks below are for reference. The layers, their order and their number are selected by TERRAZZO GraniTech according to substrate, exposure and traffic.

Plaster finishes — four to six layers, ~1/8" total



Resin-bound stone finishes — ~3/8" for foot traffic, ~5/8" for car traffic



Layer depths are drawn for legibility and are not to scale.

Substrate requirement

Smooth concrete free of cracks, drywall finished to Level 4 or better (Level 5 preferred), or existing tile that is sound and fully bonded. Any preparatory labor needed to reach that condition is either performed by the general contractor, or quoted by the installing Pro Connect applicator as a separate line item — it is not part of the finish scope.

WARRANTY

Material warranty applies before application only. TERRAZZO GraniTech is a proprietary and patented product, warranted to meet stated quality standards within normal production tolerances at the time of manufacture. Any defect must be identified on opening the container and reported to the supplier with visual evidence before application; the supplier's sole obligation is refund of the purchase price of the defective material. Claims made after the material has been applied are not accepted.

Workmanship and appearance are warranted by the applicator. Because installation, site and environmental conditions and use are beyond the supplier's control, no express or implied warranty is given regarding the results of application, performance in service or fitness for a particular purpose. The supplier is not responsible for substrate suitability or condition, environmental or climatic conditions, site-specific factors beyond its control, or operational, mechanical or service stresses imposed on the finished surface.



PROJECT _____

DATE _____ • SECTION 09 62 00

Section placement in the Project Manual, suitable applications, and coordination with adjacent trades.

SPECIFYING TERRAZZO GRANITECH

CSI MasterFormat 2020 — suggested placements

Plaster finishes — floors	09 62 00 Specialty Flooring	Primary • Fine, Medium, Microterrazzo
Plaster finishes — floors, alternates	09 67 00 Fluid-Applied Flooring • 09 67 23 Resinous Flooring • 09 05 00 Common Work Results	Alternates
Plaster finishes — walls and ceilings	09 77 00 Special Wall Surfacing	Primary • Fine, Medium, Microterrazzo, Gaia
Plaster finishes — walls, alternates	09 96 00 High-Performance Coatings • 09 72 00 Wall Coverings	Alternates
Micromosaic	09 66 23 Resinous Matrix Terrazzo Flooring • 09 66 00 Terrazzo Flooring	A different category from the plaster finishes
Monolith	32 12 43 Flexible Porous Paving • 32 14 43 Porous Unit Paving	Exterior work, in Division 32
Coordinate with	03 30 00 Cast-in-Place Concrete • 07 14 00 Fluid-Applied Waterproofing • 09 30 00 Tiling • 09 29 00 Gypsum Board (Level 4/5) • 07 92 00 Joint Sealants	Adjacent scopes

Note — the system falls under a number of sections. It is a hand-applied decorative finish used on both walls and floors, so no single MasterFormat section covers it. The placements above are the ones most commonly used; the choice belongs to the specifier and to how the Project Manual is organized. Where the plaster finishes appear on both walls and floors, they are usually written once and cross-referenced. The resin-bound stone finishes are always specified separately.

SUITABLE APPLICATIONS

Supplier technical data

Interior walls and ceilings	Level 4 drywall minimum, Level 5 preferred	Lobbies, corridors, retail, hospitality, residential
Interior floors	Over smooth, stable substrates — existing tile or smooth concrete	Renovation without demolition over sound bonded tile
Wet areas	Over cement board with taped joints, waterproofed	Showers with an approved waterproofing membrane
Exterior floors	Pool decks and terraces	Pool interiors — dew point conditions must be respected
Exterior façades	Over CMU — scratch and brown coat required	Walls and façades

DESIGN COORDINATION

Substrate condition. Smooth and stable: smooth concrete free of cracks, drywall at Level 4 or better (Level 5 preferred), or sound, fully bonded existing tile. The finish does not level, patch or repair. Preparatory labor is by the general contractor, or quoted by the applicator as a separate line item.

Waterproofing is a separate scope. The finish is waterproof; it is not a waterproofing membrane. Wet areas require an approved membrane (Schluter, RedGuard, Vidi Board or equal), cement board joints flagged, taped and reinforced, and a thinset leveling layer over the membrane.

Movement joints. Joints, transitions, movement areas and sharp changes in plane are detailed and stabilized prior to application.

Renovation without demolition. Applies directly over sound, fully bonded existing tile; joints are first flushed with TERRAZZO GraniTech Fine to create a leveled, bonded surface.

Schedule the cure and the protection. Coordinate a 48-hour no-traffic window and a light-traffic period of at least 7 days into the construction sequence. Throughout that period — and for as long as other trades continue to work in the area — the finished surface must remain protected with Ram Board and/or Masonite, with no point loads. Restrict other trades accordingly.

Hand-troweled variation. Appearance is influenced by technique, working time, substrate and site climate. Minor variation is inherent to the process and does not constitute nonconformity. The approved job-site mockup, not the sample board, establishes the acceptable range.

Product data and recommendations are reference conditions only and do not replace the professional judgment of the specifier, applicator or contractor. Data subject to change without notice.



PROJECT _____

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Installation is carried out by a certified Pro Connect applicator. This sheet is provided so the design team and the contractor can programme the work and hold the sequence.

THE SEQUENCE

Wet areas and interior floors

01 • Before you begin	"No-black-marks" beveled stainless (INOX) trowels only; carbon-steel blades streak light finishes. Surrounding surfaces masked and sheeted; work zones mapped and isolated.	Day 0
02 • Substrate preparation	Over existing tile: grind, degloss, degrease, close joints with thinset or TERRAZZO GraniTech Fine, cure overnight. New showers: cement board, joints taped, waterproofed, then a thinset leveling layer over the membrane.	Day 0 – 1
INTERIOR FLOORS 03 • Quartz primer & mesh	Fiberglass mesh laid across the whole area, overlapped at corners and joints, bonded with Eco Grip Quartz Primer rolled criss-cross. Dry 24 hours with airflow.	24 h
EXTERIOR FLOORS • OR FLOORS/OTHER SURFACES WITH MOISTURE RISING 03 • Moisture vapor barrier epoxy primer & mesh	Two-component moisture vapor barrier epoxy primer rolled on, with 20/40 silica sand broadcast into the wet primer; fiberglass mesh embedded in the primer and overlapped at corners and joints.	24 h
04 • Mixing & pigment	One full container mixed at a time with approved TERRAZZO GraniTech pigment; mechanical mix to homogeneous.	—
05 • Material application	One coat per day. Medium and Fine at ~1 mm per coat, Microterrazzo at ~2 mm. Light sanding at 120 grit between coats. Wait 48 hours after the final coat before sealing.	Day 1 – 3
06 • Sealers	Minimum two coats, ideally three, one per day, criss-cross with a short-hair mohair roller, light 120-grit sanding between. Satin coats first; matte anti-slip as the final coat where specified.	Day 4 – 6
07 • Protection & curing	Light foot traffic or shower use is permitted 48 hours after the final sealer, provided humidity and temperature are within range. Protect with Ram Board or Masonite thereafter — no point loads. ~80% strength at 7 days, full at 28.	12 h – 28 d

COATS AND THICKNESS BY FINISH

Wet areas and floors

TERRAZZO GraniTech Medium	2 – 3 coats, depending on whether mesh is used	~1 mm per coat
TERRAZZO GraniTech Fine	Applied as the final coat over two coats of Medium	~1 mm per coat
TERRAZZO GraniTech Microterrazzo	1 – 2 coats, standalone — never a third	~2 mm per coat
Sanding	120 grit for Medium and Fine; 80 grit for Microterrazzo where 120 is not enough	Between coats
Walls on drywall, no mesh	One coat fewer — less material is required without mesh	—

Not a filler or leveling material

TERRAZZO GraniTech is a final decorative finish at a maximum of 3 – 4 mm total. Shaping the substrate, filling cracks or leveling must be done with joint compound, thinset, self-leveler or another appropriate preparation material — never with our materials. Applied thicker than recommended, it will not cure. Excess should be scraped back into the container immediately.



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Where a finish can be used is fixed by the manufacturer, not a design choice. Confirm eligibility below before selecting grain, color and sheen on the individual data sheets (TG-1 through TG-6).

ELIGIBILITY BY SURFACE	
Confirm before selecting grain, color and sheen	
Interior walls	Fine • Medium • Microterrazzo • Gaia
Ceilings and soffits	Fine • Medium • Microterrazzo • Gaia
Built-ins, niches and vanities	Fine • Medium • Microterrazzo • Gaia
Interior floors	Fine • Medium • Microterrazzo • Micromosaic
Wet-area walls and shower pans	Fine • Medium • Microterrazzo • Gaia
Exterior walls and façades	Fine • Medium • Microterrazzo
Exterior floors and pool decks	Fine • Medium • Microterrazzo • Monolith • Micromosaic
Pool interiors	Fine • Medium • Microterrazzo
Driveways and parking	Monolith
Stairs	Micromosaic • Fine • Medium • Microterrazzo



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For information only

TERRAZZO GraniTech selects every component below — primer, reinforcement, coat count and sealer system — from the surface type and substrate submitted. This page records the scope for the contractor and the design team; it is not specified by the design team. Substitution of primers, reinforcement, pigments or sealers voids the system.

SYSTEM COMPONENTS

Supplied by TERRAZZO GraniTech USA

Material	TERRAZZO GraniTech plaster materials described in this document (Fine, Medium, Microterrazzo, Gaia)	No incompatible pigments, sealers or primers — untested combinations may react
Primer — interiors	Quartz primer over the prepared substrate	24 h cure before material
Primer — exteriors / vapor barrier	Two-component epoxy primer with 20/40 silica sand broadcast	24 h cure before material
Reinforcement	Fiberglass mesh embedded in the primer	Wet areas, floors, and substrates with movement
Pigments	TERRAZZO GraniTech pigments only	Paint pigments react with the sealer system
Sealers	Dedicated TERRAZZO GraniTech sealer system, thin uniform films by mohair roller	48 h after the final material coat
Finish protection	RAM Board and/or Masonite over completed work	Until other trades are complete

APPLICATION CONDITIONS

Supplier technical data

Temperature range	~12 °C / 54 °F to 32 °C / 89 °F	Surface and ambient
Humidity	Not at high RH, at dew point, or where condensation may occur	—
Exposure during application	Not in direct sun, high wind, imminent rain or rapid drying	—
Coat timing	Consecutive days where possible; full cure between coats	—
Sealer timing	48 hours after the final material coat	—
Tooling	"No black mark" stainless steel or plastic trowels only	Cleaned with water between coats



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This sheet covers curing and protection immediately after installation, and day-to-day care of the four plaster finishes (Fine, Medium, Microterrazzo, Gaia) once the finish has cured. Resin-bound stone finishes — Monolith and Micromosaic — are covered under system build-up, sheet TG-B.

Final decorative finish.

TERRAZZO GraniTech is a final decorative finish at a maximum of 3 – 4 mm total. It is not intended for substrate leveling, defect repair, or filling holes, voids or structural imperfections — that preparatory work is by the general contractor or the installing applicator, quoted separately. See TG-I for substrate requirements.

CURING AND PROTECTION

Installation phase — before handover

Foot traffic	After 48 hours from the final sealer coat — showering is usable from the same point	Supplier data
Mechanical strength	~80% at 7 days — light traffic only, with board protection	Supplier data
Full cure	~28 days; behaviour comparable to concrete-based systems. Pressure washing is permitted only once fully cured	Supplier data
Monolith traffic	Foot traffic 48 hours · car traffic 7 days	Supplier data
Protection	Ram Board and/or Masonite over completed work — minimum 7 days, and for as long as other trades continue	Supplier data
Point loads during cure	None during the curing period — no ladders, scaffold feet, heavy equipment or dragged objects	Supplier data

EVERYDAY CARE

For the owner or occupant, after handover

Cleaning	pH-neutral cleaner recommended; strong chemical cleaners may be used when required, provided surfaces are rinsed immediately. Do not use any no-rinse cleaners.	Supplier data
Abrasives and chemicals	Avoid abrasive pads, scouring powders, strong acids and solvents	Supplier data
Standing liquids	Waterproof, but not designed for standing water — wipe water, wine, oil and cosmetics promptly	Supplier data
Point loads and dragging	Never — always protect with felt padding or similar to distribute weight; lift and place, don't drag. Care and maintenance is similar to hardwood and other premium flooring.	Supplier data
Resealing	Typically every 3 – 10 years, depending on foot traffic	Supplier data

MATERIAL STORAGE

For contractors keeping touch-up stock

Shelf life	12 months from date of manufacture, unopened	Supplier data
Storage conditions	Original, sealed containers, in a dry, protected environment; protect from frost and direct sunlight	Supplier data
After opening	Reseal containers tightly after use	Supplier data