

NORTHWESTERN UNIVERSITY
PROJECT NAME _____
JOB # _____

FOR: _____
ISSUED: 03/29/2017

NORTHWESTERN UNIVERSITY
PROJECT NAME _____
JOB # _____

FOR: _____
ISSUED: 03/29/2017

1. Divid 06 strip 2 61.002 tab 41-6.34-0.8529 (P) 1298 (O) 59 99 (T) 011 (002.867-14.8448402.062.002.002

1.7 QUALITY ASSURANCE

- A. Comply with the most current edition of the Northwestern University Design Standards.
- B. Installer Qualifications:
 - 1. Engage an installer who is a contractor member of NTMA.
 - 2. Engage an installer who is certified in writing by terrazzo manufacturer as qualified to install manufacturer's products.
- C. Source Limitations: Obtain primary terrazzo materials from single source from single manufacturer. Provide secondary materials including patching and fill material, joint sealant, and repair materials of type and from source recommended by manufacturer of primary materials.
- D. Source Limitations for Aggregates: Obtain each color, grade, type, and variety of granular materials from single source with resources to provide materials of consistent quality in appearance and physical properties.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to Project site in supplier's original wrappings and containers, labeled with source's or manufacturer's name, material or product brand name, and lot number if any.
- B. Store materials in their original, undamaged packages and containers, inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.

1.9s(es)-8.V2.964 T(J 0.X[5(i)4)-128(()Tj 0.001D C)-18.4(ovns)-8.1(tlh03.2(y)16.G1X1.1()c)-8.1(k)-20(age22(t)-(c)-8y5.4(

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. NTMA Standards: Comply with NTMA's "Terrazzo Specifications and Design Guide" and with written recommendations for terrazzo type indicated unless more stringent requirements are specified.
- B. FloorScore Compliance: Terrazzo floors shall comply with requirements of FloorScore Standard.

2.2 EPOXY-RESIN TERRAZZO

- A. Epoxy-Resin Terrazzo: Comply with NTMA's "Terrazzo Specifications and Design Guide" and manufacturer's written instructions for matrix and aggregate proportions and mixing.

- 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

- a. Crossfield Products Corp.
- b. Doyle Dickerson Terrazzo, Inc.
- c. Hi-Tek Polymers, Inc.
- d. Master Terrazzo Technologies LLC.
- e. Terroxy Matrix, Terroxy Resin Systems.

- 2. Thickness: 1/4 inch (6.4 mm) nominal.
- 3. Formulated Mix Color and Pattern: **[As selected by Architect from full range of industry colors] [As selected by Architect from NTMA standard-terrazzo plates] [As selected by Architect from NTMA thin-set terrazzo plates] <Insert manufacturer's or NTMA's color plate designation>.**
- 4. Custom Mix Color and Pattern: **[Match Architect's sample] [Match existing] <Insert custom design-mix attributes>.**

- B. Materials:

- 1. Flexible Reinforcing Membrane: Manufacturer's resinous membrane for substrate-crack preparation and reflective-crack reduction.

- a. Reinforcement: Fiberglass scrim.

- 2. Primer: Manufacturer's product recommended for substrate and use indicated.
- 3. Epoxy-Resin Matrix: Manufacturer's standard recommended for use indicated and in color required for mix indicated.

- a. Physical Properties without Aggregates:

- 1) Hardness: 60 to 85 per ASTM D 2240, Shore D.
- 2) Minimum Tensile Strength: 3000 psi (20.7 MPa) per ASTM D .8 0 7 0 -33.62-12.3(2)

NORTHWESTERN UNIVERSITY

PROJECT NAME _____

JOB # _____

FOR: _____

ISSUED: 03/29/2017

- a) Distilled water.
 - b) Mineral water.
 - c) Isopropanol.
 - d) Ethanol.
 - e) 0.025 percent detergent solution.
 - f) 1.0 percent soap solution.
 - g) 10 percent sodium hydroxide.
 - h) 10 percent hydrochloric acid.
 - i) 30 percent sulfuric acid.
 - j) 5 percent acetic acid.
- b. Physical Properties with Aggregates: For resin blended with Georgia white marble, ground, grouted, and cured per requirements in NTMA's "Terrazzo Specifications and Design Guide"; comply with the following:
- 1) Flammability: Self-extinguishing

- B. Precast Terrazzo Base: Minimum 3/4-inch- (19-mm-) thick, reinforced portland cement terrazzo units cast in maximum lengths possible, but not less than 36 inches (900 mm). Comply with NTMA's written recommendations for fabricating precast terrazzo base units in sizes and profiles indicated.
1. Type: [**Coved with minimum 3/4-inch (19-mm) radius**] [**Straight**].
 2. Top Edge: [**Straight, unfinished**] [**Beveled with polished top surface**] [**Radius edge with polished top surface**].
 3. Outside Corner Units: With finished returned edges at outside corner.
 4. Color, Pattern, and Finish: Match adjacent poured-in-place terrazzo flooring.
- C. Precast Terrazzo Units: Comply with NTMA's written recommendations for fabricating precast terrazzo units in sizes and profiles indicated. Reinforce units as required by unit sizes, profiles,

NORTHWESTERN UNIVERSITY

PROJECT NAME _____

JOB # _____

FOR: _____

ISSUED: 03/29/2017

- C. Protection: Provide final protection and maintain conditions, in a manner acceptable to Installer and Owner, that ensure that terrazzo is without damage or deterioration at time of Substantial Completion. General Contractor shall protect the finished floor after the Terrazzo Contractor has completed final grinding and applied sealer to terrazzo surfaces.

END OF SECTION 09 6623