

# GUIDE SPECIFICATION FOR PRECAST TERRAZZO, STAIRS, COVE, OR STRAIGHT BASE, COPING, PLANTERS, WINDOW SILLS AND ANY ITEMS SPECIFIED AS PRECAST TERRAZZO

(Revised 6/94 Supersedes all previous Specifications for Precast Terrazzo)

## SECTION 09

### PART 1-GENERAL

#### 1.01 RELATED WORK SPECIFIED IN OTHER SECTIONS.

NOTE: DELETE NONAPPLICABLE ITEMS.

- A. Installation of concrete substrate to receive precast terrazzo stairs, Section \_\_\_\_\_
- B. Installation of metal stairs, either pan type or supporting tubular stringers, Section \_\_\_\_\_
- C. Backup walls of metal lath or masonry to receive precast terrazzo items, Section \_\_\_\_\_
- D. Sufficient water, temporary heat and light, and adequate electric power with suitable outlets connected and distributed use within 100 feet of any working space.

NOTE: AMBIENT TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 50 DEGREES FAHRENHEIT.

- E. Broom clean area to receive precast terrazzo of all loose chips, laitance, and all foreign matter.

#### 1.02 QUALITY ASSURANCE

- A. Acceptable supplier:
  1. Materials furnished shall meet NTMA Specifications.
- B. Installer qualifications:
  1. Installer shall be a contractor member of NTMA and shall perform all work in accordance with NTMA standards.
  2. If installer is not a contractor member of NTMA, installer shall submit a list of completed projects of a similar magnitude and complexity.

#### 1.03 SUBMITTAL

- A. Shop drawings:
  1. Submit shop drawings of all precast terrazzo items showing detail sections and profile of all precast items. Details shall show all reinforcing, and special hardware for fastening rails.
- B. Samples:
  1. Submit maximum of 3 samples, 6 x 6 in size for each color.
  2. Submit two copies of NTMA maintenance literature.
- C. Certification:
  1. Suppliers shall furnish certification attesting that materials meet specification requirements.

#### 1.04 DELIVERY, STORAGE AND HANDLING

- A. Delivery of materials:
  1. Deliver materials in a manner to prevent damage to containers.
- B. Storage of materials:
  1. Store materials in a clean, dry and heated (if necessary) location.

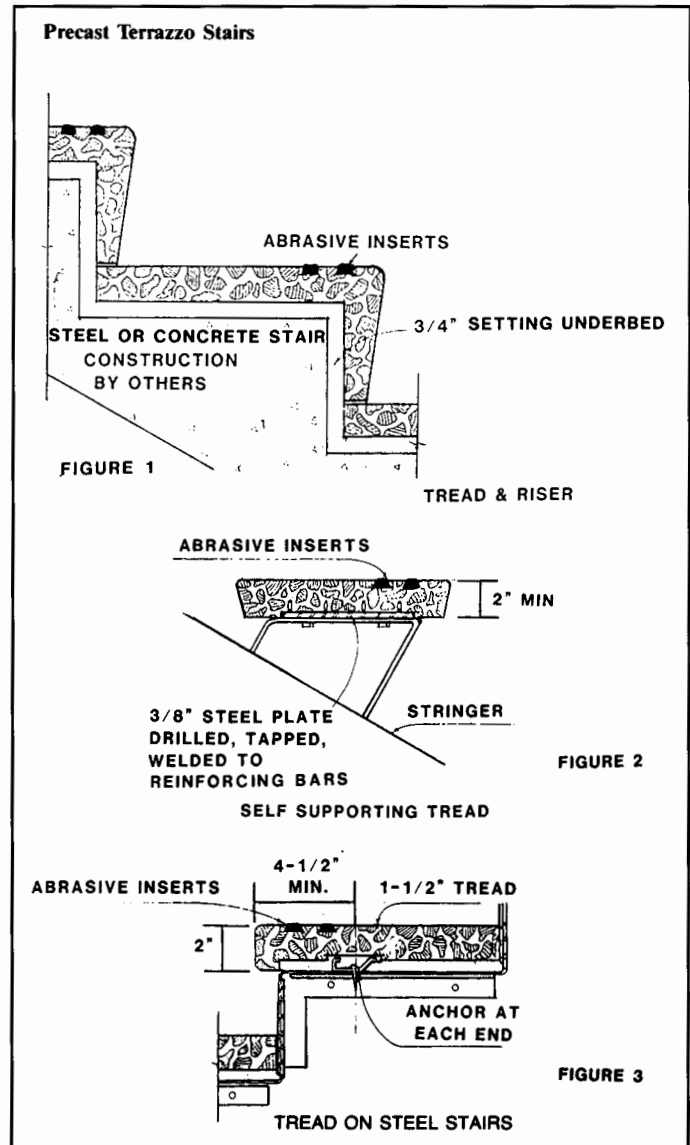
#### 1.05 GUARANTEE

One year from date of substantial completion of Terrazzo installation.

### PART 2-PRODUCTS

#### 2.01 PRODUCTS

- A. Portland cement: ASTM C 150, Color \_\_\_\_\_



NOTE: SELECT AND SPECIFY WHITE OR GRAY FOR TERRAZZO TOPPING. WHITE CEMENT IS UNIFORM IN COLOR. GRAY CEMENT MAY NOT BE UNIFORM IN COLOR AND MAY PRODUCE A VARIATION OF SHADE IN THE MATRIX. (See product information)

- B. Sand: Clean, washed, locally available sand.
- C. Marble Chips size to conform with NTMA gradation standards.
- D. Precast terrazzo:
  1. Shape and size exactly as indicated on drawings.
  2. Reinforce precast with deformed rods or wire mesh or both as recommended by precast terrazzo manufacturer.
  3. Abrasive safety lines shall be \_\_\_\_\_

NOTE: SPECIFY ONE TO THREE LINE ABRASIVE INSERTS.

- E. Terrazzo Cleaners:
  1. Ph factor between 7 and 10, where applicable.
  2. Biodegradable and phosphate free.
- F. Sealer:
  1. Ph factor between 7 and 10, where applicable.
  2. Shall not discolor or amber.

3. Penetrating type specially prepared for use on terrazzo.
4. Flash Point: ASTM D 56, 80 degrees Fahrenheit minimum, where applicable.

## **PART 3-EXECUTION**

### **3.01 INSPECTION**

- A. Examine areas to receive terrazzo for:
  1. Defects in existing work that affect proper execution of terrazzo.
  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. Set accurately as shown on approved shop drawings.  
Setting Methods are:

- a. Mud set
  - b. Thin set
  - c. Weld
  - d. Bolt
2. Alignment of precast should be straight and true to all dimensions. It may not vary more than 1/8 " in length, height, or width.
  3. Install anchors as shown on details.
  4. Fill joints between sections with Portland Cement or caulking as per trade practice, or as specified.
- B. Protection:
    1. Upon completion, the work shall be ready for final inspection and acceptance by the owner or his agent.
    2. The General Contractor shall protect the finished work from the time that the terrazzo contractor completes the work.