

National Terrazzo & Mosaic Association (NTMA)
RESTORATION OF TERRAZZO

Version 11.10

PART 1: GENERAL

1.01 SECTION INCLUDES

- A. Refinishing terrazzo floors.

1.02 REFERENCE STANDARDS

- A. NTMA – Terrazzo Specifications; The National Terrazzo and Mosaic Association, Inc.; current edition located at www.ntma.com

1.03 SUBMITTALS

- A. Product Data: Provide data for sealer and cleaner and grout.
- B. Cleaning and Maintenance Data

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Company specializing in performing the work of this section with not fewer than 3 years of documented experience.
 - 1. Installer shall be a contractor member of NTMA and shall perform all work in accordance with NTMA standards

PART 2: PRODUCTS

2.01 MATERIALS

- A. Cleaner: Potable water, free of iron
- B. Sealer: Penetrating liquid type to completely seal matrix surface; not detrimental to terrazzo components.
- C. Grout

2.02 EQUIPMENT

- A. All work shall be executed with conventional terrazzo grinding equipment according to trade practice. No lighter type machines, such as floor scrubbing machines, will be accepted.

PART 3: EXECUTION

3.01 GENERAL

- A. Perform work in accordance with NTMA recommendations as posted on their website at www.ntma.com.

3.02 PREPARATION

- A. Cover and protect all adjacent finished surfaces during restoration process.

3.03 CRACK REPAIR

- A. Clean cracks by mechanical means (like metal dental pick or fine “dremel” tooling) to remove dirt, debris and sealers – “V” shape routing out or significant widening is not recommended..
- B. Grout cracks to match existing matrix prior to initial grinding.

3.04 INITIAL GRINDING

- A. Grind with 60-80 grit stone – all in the presence of water.

3.05 GROUTING

- A. Cleanse floor with ample clean water and rinse.
- B. Remove excess rinse water and machine or hand-apply grout, with color added to match the matrix of the terrazzo floor, taking care to fill voids.

3.06 CURING GROUT

- A. The grout shall remain on the surface until fully cured, commonly a minimum of 12 hours or so at 70 degrees F.

3.07 FINE GRINDING

- A. Grind with 120 grit stones until all grout has been removed from the terrazzo surface.

3.08 CLEANING AND SEALING:

- A. Rinse with clean water and allow to thoroughly dry.
- B. Seal: Apply penetrating sealer, per manufacturer's directions
- C. Upon completion, this work shall be ready for final inspection and acceptance by the owner.
- D. Remove protection and clean any adjacent surfaces effected by the refinishing process.

3.09 PROTECTION

- A. General Contractor shall protect the finish floor from all site activity until Substantial Completion.

END OF SECTION

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