

BuildingName
The Description of the Project
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SPECIFICATION DIVISION 9

NUMBER SECTION DESCRIPTION

DIVISION 09 FINISHES

SECTION 093033 - STONE TILING

END OF CONTENTS TABLE

DIVISION 09 FINISHES
SECTION 093033 - STONE TILING

THIS MASTER SPECIFICATION SECTION INCLUDES MANUFACTURED TILE FLOORING ONLY. REFER TO AIA MASTERSPEC FOR OTHER INTERIOR STONework.

PART 1 - GENERAL

1.1 SUMMARY

- A. Extent of interior stonework is indicated on Drawings.
- B. Interior stonework includes the following:
 - 1. Granite tile flooring.
 - 2. Cast marble tile flooring.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data for each type of stone, stonework accessory and other manufactured product required.
- B. Samples for Initial Selection: Furnish samples of portions of actual stone tile, showing manufacturer's full range of standard products, for Architect's selection. Submit 2 or more samples of each selection representing the full range of color and pattern to be expected in installed material.
- C. Samples for Verification: Provide a 6-inch by 6-inch sample of each selected color for verification purposes. Select samples to represent the full range of color and pattern to be expected in the finished installation.

1.3 QUALITY ASSURANCE

- A. Standards: Comply with referenced ANSI and ASTM materials standards, and with referenced installation methods and materials of referenced Tile Council of America (TCA) Handbook numbers.

PART 2 - PRODUCTS

BELOW ARE EXAMPLES OF TWO TYPES OF FLOOR TILES. MODIFY TO SUIT PROJECT.

2.1 GRANITE FLOOR TILE

- A. Granite Floor Tile: Furnish tiles that have a polished face, and that are sound, durable, and free from pronounced seams or objectionable mineral stains.
 - 1. Size: Nominal 12-inches by 12-inches by 3/8-inch thick.
 - 2. Edges: Slightly beveled.
- B. Product: Provide products of Cold Spring Granite.

1. Color/Pattern: "Charcoal Black".

2.2 CAST MARBLE TILE

- A. Factory cast marble floor tile consisting of not less than 90 percent marble aggregate with polymer binder.
 1. Wearing Surface: Polished, without abrasive content.
 2. Edges: Beveled.
 3. Size: Modular 12-inch by 12-inch by 3/8-inch thick.
 4. Colors, Textures, and Patterns: Selected by Architect from mfr's standard smooth texture, solid color range.
- B. Manufacturer: Provide the following product:
 1. "Armstar", Armstrong World Industries, Inc.

2.3 MORTAR AND GROUT MATERIALS

MODIFY MATERIALS BELOW TO COORDINATE WITH TCA INSTALLATION METHOD SELECTED.

- A. Portland Cement: ASTM C 150 Type 1
- B. Sand: ASTM C 144
- C. Water: Potable
- D. Mortar Bond Coat: Dryset mortar or latex-modified portland cement as determined by TCA recommendations.
- E. Grout: ANSI A118.6, Latex modified portland cement.

2.4 ACCESSORIES

- A. Provide manufacturer's standard carpet thresholds of type, size and profile indicated.
 1. Manufacturer/Model Thresholds: Pemko; No. 174C, or equivalent products of National Guard, Reese, Zero.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Clean adhesive and residue left from previous flooring off concrete floor surface that is to receive new granite floor tile. Before initiating floor tile installation, inspect floor to ensure that it is free of cracks and waxy or oily films. Correct if necessary.
 1. Where uneven floor levels or holes occur, fill, patch, and provide underlayment as required to level surface prior to installation of finished floor material. Underlayment may be latex cement as applicable.
 2. Comply with flooring manufacturer's recommendations for type(s) of materials, project conditions, and intended use.

3.2 INSTALLATION

- A. Installation: In general, strictly comply with Tile Council of America Handbook methods as follows:

BELOW IS EXAMPLE ONLY - MODIFY TO SUIT PROJECT USING TCA HANDBOOK IN SWEET'S.

1. Over existing vinyl composition tile on concrete slab base: TCA method F113-90.

- B. Joint Pattern: Use grid pattern with 1/16-inch wide joints; align parallel and perpendicular to walls.
- C. After floor tile is installed, clean grout off floor tiles to leave a shiny surface.

RETAIN BELOW IF THRESHOLDS ARE INCLUDED.

- D. Install thresholds where shown on Drawings, and whether or not shown on drawings as follows:

MODIFY STATEMENT BELOW TO SUIT PROJECT.

1. At edges of stone tile flooring installation abutting dissimilar flooring materials (e.g. concrete, carpet, and vinyl composition tile).

- E. Attic Stock: Provide 4 full tile for Owner's future use.

3.3 CLEANING AND PROTECTION

- A. Clean tile in accordance with applicable ANSI standard for type of tile and method of installation used and mfr's instructions.
- B. Apply heavy kraft paper or other heavy protective covering to prevent surface damage during construction operations.

3.4 TILE COLOR SCHEDULE

BELOW IS EXAMPLE ONLY.

1. Color No. T1: 8013 "Peppered White".
2. Color No. T2: 8018 "Blued Carnelian".

END OF SECTION 093033