

SECTION 09 30 00

TILING

1 PART 1 GENERAL

1.1 SUMMARY

- A. Section includes porcelain paver tile for interior floor and wall applications; and thresholds at door openings.

1.2 SUBMITTALS

- A. Product Data: Submit product data on tile products and instructions for using grouts and adhesives.
- B. Samples: Submit samples for color selection.

1.3 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: Submit recommended cleaning methods, cleaning materials, stain removal methods, and polishes and waxes.

1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with TCA Handbook and ANSI A108.1 Series/A118.1 Series.
- B. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience, and with service facilities within 100 miles of Project.
- C. Installer: Company specializing in performing Work of this section with minimum three documented experience approved by manufacturer.

1.5 ENVIRONMENTAL REQUIREMENTS

- A. Do not install adhesives in unventilated environment.
- B. Maintain ambient and substrate temperature of 50 degrees F during installation of mortar materials.

2 PART 2 PRODUCTS – Refer to Interior Finish Legend for schedule of finishes.

2.1 TILE

- A. Manufacturers: All products of one type of same manufacturer.
 - 1. American Olean Tile Co.
 - 2. Dal-Tile International
 - 3. Metropolitan Ceramics

4. Substitutions: Permitted

2.2 COMPONENTS

- C. Porcelain Paver Tile: ANSI A137.1; Dal-Tile "Veranda", or equal:
 1. Moisture Absorption: 0 to 0.5 percent.
 2. Size: 20x20x1/2 inch
 3. Shape: Square
 4. Edge: Square
 5. Surface Finish: Unglazed
 6. Color: As selected.
- D. Base: Match floor tile for moisture absorption, surface finish, and color:
 1. Length: Tile length 4 inch
 2. Height: 4 inch
 3. Top Edge: Bull nosed
 4. Internal Corner: Coved
 5. External Corner: Bullnosed
- E. Grout Materials:
 1. Standard Grout: Latex-Portland cement type as specified in ANSI A118.6; color as selected.
- F. Thresholds: Marble type, white color, honed finish, 5x1/2 inch size by full width of wall or frame opening, beveled one side, radiused edges from bevel to vertical face.
- G. Tile Floor Edging: Extruded aluminum; Schluter, or equal.

3 PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify surfaces are ready to receive work.

3.2 PREPARATION

- A. Prepare surfaces as recommended by tile manufacturer.

3.3 INSTALLATION

- A. Install tile, thresholds, and grout in accordance with applicable requirements of ANSI A108.1 through A108.10, and TCA Handbook recommendations.
- B. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor, base and wall joints.]
- C. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints watertight, without voids, cracks, excess mortar, or excess grout.
- D. Grout tile joints. Use standard grout unless otherwise indicated.

- E. Floors:
 - 1. Over interior concrete substrates, install in accordance with TCA Handbook Method F113, dry-set or latex-portland cement bond coat, with standard grout, unless otherwise indicated.
 - a. Where waterproofing membrane is indicated, install in accordance with TCA Handbook Method F122, with latex-portland cement grout.

...END OF SECTION 09 30 00