

## SECTION 09 30 00 - TILING

### PART 1 - GENERAL

#### 1.1 SYSTEM REQUIREMENTS

- A. Design Requirements:
  - 1. Provide tile selection as approved by the University Campus Architect through the University Project Manager.
  - 2. Provide waterproof membrane under all tile installations above occupied space.

### PART 2 - PRODUCTS

#### 2.1 TILE PRODUCTS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. American Olean; Division of Dal-Tile International Inc.
  - 2. Daltile; Division of Dal-Tile International Inc.
  - 3. United States Ceramic Tile; a Roca Tile Group company.
- B. Floor Tile: Unglazed ceramic mosaic tile.
  - 1. Size: 2 by 2 inches, factory mounted onto sheets with mesh, dot, net or other backing method.
- C. Wall Tile: Glazed wall tile.
  - 1. Size: 4-1/4 by 4-1/4 inches, cushion edge.
- D. Other Tile: Only as approved by the University Campus Architect through the University Project Manager.
- E. Trim Shapes:
  - 1. Wainscot cap: Surface bullnose.
  - 2. Base: Coved base.
  - 3. Outside Corners: Surface bullnose.
  - 4. Inside Corners:
  - 5. Jambs: Surface bullnose where tile projects from jamb.

#### 2.2 ACCESSORY MATERIALS

- A. Thresholds: Stone.
- B. Waterproof Membrane: Chlorinated polyethylene sheet; fluid applied membranes are not permitted.
  - 1. Basis-of-Design Product: Subject to compliance with requirements, provide The Noble Company, NobleSeal TS or comparable product.
- C. Crack Isolation Membrane: Chlorinated polyethylene sheet.
  - 1. Basis-of-Design Product: Subject to compliance with requirements, provide The Noble Company, NobleSeal CIS or comparable product.
- D. Metal base and edge strips: Where tile trim shapes are not available use metal accessories:
  - 1. Coved Metal Base: Subject to compliance with requirements, provide Schluter-DILEX-EHK or comparable product.
  - 2. Coved Metal Inside Corner: Subject to compliance with requirements, provide Schluter-DILEX-EHK or comparable product.

3. Edge Protection: Subject to compliance with requirements, provide Schluter-SCHIENE or comparable product.
4. Outside Corner: Subject to compliance with requirements, provide Schluter-QUADEC or comparable product.
5. Wainscot Cap: Subject to compliance with requirements, provide Schluter-JOLLY, Schluter-QUADEC or comparable product.
6. Transition Strips: As required where adjacent floor finish is of different thickness.

## PART 3 - EXECUTION

### 3.1 INTERIOR TILE INSTALLATION SCHEDULE

- A. Interior Floors on Concrete:
  1. TCNA F113: Thin-set mortar.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.
  2. TCNA F122: Thin-set mortar on waterproof membrane.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.
  3. TCNA F125A: Thin-set mortar on crack isolation membrane.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.
- B. Interior Walls, Masonry or Concrete:
  1. TCNA W202: Thin-set mortar.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.
- C. Interior Walls, Metal Studs or Furring:
  1. TCNA W245: Thin-set mortar on coated glass-mat, water-resistant gypsum backer board.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.
- D. Shower Receptor and Walls, Concrete or Masonry:
  1. TCNA B421: Thin-set mortar on waterproof membrane.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.
- E. Shower Receptor and Walls, Metal Studs or Furring:
  1. TCNA B420: Thin-set mortar on coated glass-mat, water-resistant backer board.
    - a. Mortar: Latex-portland cement mortar.
    - b. Grout: Polymer-modified.

**END OF SECTION 09 30 00**