

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