

SECTION 09300 - CERAMIC TILE

PART I - GENERAL

1.01 DESCRIPTION

- A. Extent of unglazed ceramic mosaic tile and glazed tile trim is shown on drawings and schedules.

1.02 QUALITY ASSURANCE

- A. All work shall be installed in compliance with ANSI standards and the latest edition of the Tile Council of America's "Handbook for Ceramic Tile Installation".
- B. Ceramic tile materials shall comply with ANSI A 137.1 "Standard Specifications for Ceramic Tile".
- C. Install grout and tile sealer in strict conformance with manufacturer's instructions.

PART II - PRODUCTS

2.01 TILE

- A. Manufacturer: American Olean, contact: Janet Kennedy (847) 238-9780, ext. 308.
- B. Terra Granite series glazed Ceramic Floor Tile:
  - 1. Color: UP83 "Speckled Linen".
  - 2. Type: Vitreous.
  - 3. Size: Nominal 12" x 12" x 5/16" thick.
  - 4. Face: Slip-resistant with cushioned edges.
- C. Base: Glazed finish S-3689T.
  - 1. Color: UP83 "Speckled Linen".
  - 2. Type: Vitreous.
  - 3. Size: 6" x 8"
  - 4. Face: Cove base with rounded top and matching external out-comers.
- D. Bullnose: S-4489, color to match floor tile.

2.02 MORTAR

- A. Dry-Set Portland Cement Mortar: Product shall comply with ANSI A 118.1.
- B. Latex-Portland Cement Mortar: Product shall comply with ANSI 118.4.

2.03 GROUT

- A. Commercial Portland Cement Grout: Product shall comply with ANSI 118.6. Provide W.R. Bonscal Co., color: Taupe (or equal in matching color).

2.04 GROUT & TILE SEALER

- A. Furnish and install one of the following invisible penetrating sealer products: Bostik Findley water-based acrylic "Grout & Tile Sealer™", Custom Building Products water-based "SurfaceGard®". TileLab® Grout & Tile Sealer" or "TileLab® Grout Sealer".

PART III – EXECUTION

3.01 INSTALLATION

- A. Comply with applicable part of ANSI 108 for tile installation.
- B. Comply with applicable parts of TCA "Handbook for Ceramic Tile Installation".
  - 1. Floor Tile: TCA F 113-95, Dry-Set Mortar or Latex-Portland Cement Mortar.
  - 2. Wall Tile: TCA W 223-95 and W 244-95 Dry-Set Mortar or Latex Portland Cement Mortar.
- C. Extend tile work into recesses and behind fixtures. Terminate work without disrupting pattern or joint alignment.
- D. Fit tiles closely to penetrations so that collars/covers overlay tile.
- E. Jointing: Lay tile in grid pattern, with 1/4" joint.
- F. Grout tiles in conformance with ANSI A108.10.

3.02 CLEANING AND PROTECTION

- A. Clean all completed ceramic tile surfaces to be free of foreign matter.
- B. Finish installation shall be free of cracked, broken, chipped, unbonded, mis-aligned or other defective tile work.

END OF SECTION