1.0 GENERAL

1.1 Related UBC Guidelines

.1 Section 09 00 10 Finishes – General Requirements

1.2 Description

.1 Ceramic and Other Tile.

1.3 Performance Standards

.1 Do tile work in accordance with Tile Installation Manual latest edition produced by the Terrazzo Tile and Marble Association of Canada (TTMAC).

1.4 Quality Control and Assurance

.1 Submittals

.1 Before Start of Work

.1 List of all proposed tile materials for review, and color samples for selection plus for final approval.

.2 MSDS Material Data Sheets for review and posting at jobsite.

.2 At Completion

.1 Maintenance data shall be itemized list c/w manufacturer/distributor name for all products used.

.2 Extended warranties.

.3 Provide for the Owners future maintenance 2% of the tile used, in original unopened packaging.

.3 Quality Assurance

.1 Whenever possible, obtain manufacturer extended warranties (Five- Year plus), generally available for larger tiled areas when manufacturer of tile-setting materials and accessories supplies all such materials and carries out inspections of the tile work installation.

.2 Quality Control

.1 Tile installation shall be in strict accordance with the written instructions and recommendations of the tile manufacturer and related product manufacturers.

2.0 MATERIALS

2.1 Performance Requirements

.1 General

.1 All non-mosaic type tiles used in wet areas or entry areas to be non-slip with a static coefficient of friction of .60 or higher in accordance with ASTM C1028.

.2 Ceramic tile must conform to the standards for stain resistance, crazing and thermal shock requirements when tested in accordance with CAN2-75.1-M77.
.2 Environmental
   .1 Epoxy grouts introduce environmental risks and their use should be limited to areas
       that require the extra durability and ease of maintenance that these products offer.
   .2 Due to the toxic fungicide additives in mildew resistant sealant, its use should be
       limited to areas of constant moisture.
   .3 Products are to use non-toxic and non-specialized cleaning materials.

2.2 Prescriptive Requirements

   .1 Wall Tile shall be glazed finish.

   .2 Size shall be no larger than 300 mm x 300 mm, no smaller than 100 mm x 100 mm.

   .3 No glazed tile to be used on floors.

   .4 Materials
      .1 Products (UBC Mandatory, approved, or not approved for UBC projects - typ.).

   .5 Components
      .1 Mortar shall be latex additive for thin-set mortar and latex grouts.
      .2 Epoxy grouts are required in all shower/change rooms, high traffic, and pools areas
          generally (but confirm with manufacturer for pool water conditions). Other grout types
          may be required in special installations such as in laboratories and food services
          areas.
      .3 Divider strips shall be at a depth to suit, zinc alloy, with non-corrosive anchors.
      .4 Applicable at termination of ceramic tile flooring to other flooring finish. Set on centre
          of doors. Top surface to be flush with finished floor.

   .5 Tile Preferences
      .1 Floor tile to be slip resistant, always non-glazed.
      .2 Wall tile shall be glazed finish.
      .3 Nominal size shall be no larger than 300 mm x 300 mm, no smaller than 100
          mm x 100 mm.
      .4 Size preferred shall be 100 mm x 100 mm.

   .6 Execution
      .1 Concrete curing compounds, form oils and sealers may prevent adhesion: ensure
          proper preparation for tile work.

***END OF SECTION***