

**SECTION 09310
CERAMIC TILE**

PART 1 - GENERAL

1.1 SUMMARY

- .1 Provide ceramic wall and floor tile, to areas and surfaces as indicated and specified on drawings and finish schedule.

1.2 REFERENCES

- .1 ANSI A118.4-1992, Specification for Latex-Portland Cement Mortar.
- .2 ANSI A118.6-1992
- .3 ASTM C144-03, Standard Specification for Aggregate for Masonry Mortar.
- .4 CAN/CSA-A 3000-98 No.2, Cementitious Materials Compendium- General Instruction No. 2 Document Number.
- .5 CAN/CGSB-75.1-M88, Tile, Ceramic.

1.3 SUBMITTALS

- .1 Provide Owner with cleaning and maintenance instructions for tile and grouts used upon completion of the work.
- .2 Provide the Owner with a minimum of 2% of each type and color of tile used in the work for Owner's later use or maintenance.

1.4 QUALITY ASSURANCE

- .1 Perform tile work in accordance with recommendations as set out in the latest edition (2002) of the Tile Specification Guide 09300 Tile Installation Manual as prepared by the Terrazzo, Tile and Marble Association of Canada (TTMAC) and to ANSI 108.1 & 108.5.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Cement: Type 10 Portland Cement conforming to CAN/CSA-A 3000-98, A5-98 No.2, colour grey.
- .2 Sand: Conforming to ASTM C144-03.
- .3 Water: Fresh, clean, potable, free from deleterious matter, acids or alkalis.
- .4 Latex Additive: Enriched latex emulsion additive conforming to ANSI A118.4-1992 for use in thin set mortar.
 - .1 Keracrete by Mapei Inc. or other pre-approved.
- .5 Acrylic Grout Additive: Acrylic liquid for use with Portland Cement grout in lieu of water to ANSI A118.6-1992.
 - .1 Plastijoints by Mapei Inc. or other pre-approved.
- .6 Wall Tile Edge Trim: Extruded aluminum trim for use at exposed washroom wall tile edges.
 - .1 Rondec-AE profile trim by Schluter Systems.

2.2 TILE

- .1 Tile: to CAN/CGSB-75.1-M88 complete with cushioned and bull nosed edges and necessary shapes as required. Provide floor tile with matching coved base and internal and external corners.
- .2 Floor Tile: To meet static co-efficient of friction of 0.60 or greater conforming to CGSB 75.1 — M88/P&. 2.7.

2.3 FLOOR TILE

- .1 Locations: Not used.

2.4 WALL TILE

- .1 Locations: Bathing Room
- .2 Wall Tile 1 (WT1):
 - .1 Manufacturer: Olympia Tile.
 - .2 Style/Product: Excellence Series 6"X6" Gloss, or accepted alternate.
 - .3 Colour: Assume base lighter colour and 2 darker accents, see drawings for layout.
 - .4 Dimensions: 6 x 6.
 - .5 Finish: Glazed.

2.5 MIXES

- .1 Thin Set Mortar: Portland Cement with modified latex or acrylic additive.
- .2 Latex Grout: Factory prepared mixture for use with Portland Cement and sand mortar.
- .3 Grout Colour Additive: Grout colour as selected.

PART 3 - EXECUTION

3.1 INSTALLATION - THIN SET METHOD

- .1 Level tile joints for even surface. Provide divider strips and edge trim at termination of tile floor to other surface. Divider strips and edge trim to have top width of 3 mm (1/8").
- .2 Patterns as shown on drawings and details or as directed by Architect.

END OF SECTION