

## **SECTION 09312 - CERAMIC TILE WALL FINISH**

### **PART 1 GENERAL**

#### **1.01 WORK INCLUDED**

- A. Ceramic tile walls and base, installed using thinset method, with cementitious grouted joints.
- B. Ceramic washroom accessories.

#### **1.02 RELATED WORK**

- A. Section 09210 - Gypsum Plaster.
- B. Section 09220 - Portland Cement Plaster: Base coat for ceramic tile finish.
- C. Section 09311 - Ceramic Tile Floor Finish.

#### **1.03 REFERENCES**

- A. ANSI A108.1 - Ceramic Tile Installed with Portland Cement Mortar.
- B. ANSI A108.4 - Ceramic Tile Installed with Water-Resistant Organic Adhesives.
- C. ANSI A108.5 - Ceramic Tile Installed with Dry-Set Portland Cement Mortar.
- D. ANSI A108.6 - Ceramic Tile Installed with Chemical Resistant, Water Cleanable Tile-Setting Epoxy.
- E. ANSI A118.1 - Dry-Set Portland Cement Mortar.
- F. ANSI-A118.3 - Chemical Resistant, Water Cleanable Tile- Setting Epoxy.
- G. ANSI A118.4 - Latex-Portland Cement Mortar.
- H. ANSI A136.1 - Organic Adhesives for Installation of Ceramic Tile.
- I. TCA 137.1 - Recommended Standard Specifications for Ceramic Tile.

#### 1.04 QUALITY ASSURANCE

- A. Conform to ANSI - American National Standard Specifications for the Installation of Ceramic Tile.
- B. Conform to ANSI - Recommended Standard Specifications for Ceramic Tile - TCA 137.1.

#### 1.05 SUBMITTALS

- A. Submit product data under provisions of Section 01300.
- B. Submit product data specifications and instructions for using adhesives and grouts.
- C. Submit samples under provisions of Section 01300 for color selection.
- D. Mount tile, adhesive, and grout on 16 x 16 inch plywood panel, representative of pattern, color variations, and grout joint size variations.
- E. Submit manufacturer's certification that tile materials supplied conform to TCA 137.1.

#### 1.06 MAINTENANCE DATA

- A. Submit maintenance data.
- B. Include cleaning methods, cleaning solutions recommended, stain removal methods, and polishes and waxes recommended.

#### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Protect adhesives from freezing or overheating in accordance with manufacturer's instructions.

### PART 2 PRODUCTS

#### 2.01 TILE MATERIALS

- A. Refer to finish schedule & notes.

#### 2.02 MORTAR MATERIALS

- A. Mortar Materials: ANSI Ceramic Tile Standard A-2.

### 2.03 ADHESIVE MATERIALS

- A. Organic Adhesive: ANSI A136.1, thinset bond type.
- B. Epoxy Adhesive: ANSI A118.3, thinset bond type.

### 2.04 MORTAR BED

- A. Mortar Bed: ANSI A118.1, thinset bond coat, dry-set cementitious mortar.

### 2.05 GROUT TYPE

- A. Grout: Cementitious type; color to be selected; resistant to shrinking.

### 2.06 MORTAR MIX AND GROUT

- A. Mix and proportion pre-mix [setting bed and] grout materials in accordance with manufacturer's instructions.

## PART 3 EXECUTION

### 3.01 INSTALLATION

- A. Install ceramic wall tile, in accordance with ANSI A108.1.
- B. Cut and fit tile tight to protrusions and perpendicular interruptions. Form corners and bases neatly.
- C. Form internal angles square and external angles bullnosed.
- D. Sound tile after setting. Replace hollow sounding units.
- E. Allow tile to set for minimum 48 hours prior to grouting.

### 3.02 PROTECTION

- A. Prohibit activities near wall finish for 48 hours after installation.

END OF SECTION