

SECTION 09300 – CERAMIC TILE AND MARBLE SILLS

1. GENERAL:

- A. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND PERFORM ALL WORK AND SERVICES FOR ALL CERAMIC TILE, QUARRY TILE AND MARBLE WINDOW STOOLS AS SHOWN ON DRAWINGS AND AS SPECIFIED, IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT DOCUMENTS, AND COMPLETELY COORDINATED WITH WORK OF ALL OTHER TRADES.
- B. ALTHOUGH SUCH WORK IS NOT SPECIFICALLY INDICATED, FURNISH AND INSTALL ALL SUPPLEMENTARY OR MISCELLANEOUS ITEMS, APPURTENANCES AND DEVICES INCIDENTAL TO OR NECESSARY FOR A SOUND, SECURE AND COMPLETE INSTALLATION.

2. QUALITY STANDARDS:

- A. PROVIDE TILE CERTIFIED BY TILE COUNCIL OF AMERICA (TCA) AND STANDARD GRADE REQUIREMENTS OF T.C.A. A137.1.
- B. WHEN USING SETTING AND GROUTING MATERIALS MANUFACTURED UNDER TCA LICENSEE, PROVIDE SUCH IDENTIFICATION TOGETHER WITH FORMULA ON EACH CONTAINER.

3. ACCEPTABLE MANUFACTURERS:

- A. TILE: SUBJECT TO COMPLIANCE WITH SPECIFICATIONS, DAL-TILE OR APPROVED EQUAL ARE APPROVED FOR USE.

4. SUBMITTALS:

- A. COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL MATERIALS. INCLUDE CERTIFICATIONS AND OTHER DATA NECESSARY TO SHOW COMPLIANCE WITH SPECIFICATIONS.
- B. PALETTE OF SMALL-SIZE COLORS OF EACH TYPE AND CLASS OF TILE REQUIRED, FOR COLOR SELECTION BY ARCHITECT. EXPECT MORE THAN ONE COLOR SCHEME. AFTER SELECTION, SUBMIT FULL SIZE SAMPLES OF EACH TYPE, CLASS, AND COLOR. ARCHITECTS REVIEW FOR COLOR, PATTERN AND TEXTURE ONLY.

5. PRODUCT DELIVERY, STORAGE AND HANDLING:

- A. DELIVER MATERIALS AND STORE ON-SITE IN ORIGINAL CONTAINERS WITH SEALS UNBROKEN AND GRADE LABELS INTACT UNTIL USE.
- B. HANDLE, STORE, MIX AND APPLY SETTING AND GROUTING MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

6. JOB CONDITIONS:

- A. EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH TILE IS TO BE INSTALLED.

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7. **MATERIALS:**

- A. CERAMIC MOSAIC FLOOR TILE: 2" BY 2" BY 1/4", FACTORY MOUNTED, PLAIN FACE, SLIP-RESISTANT; DAL-TILE OR APPROVED EQUAL.
- B. CERAMIC WALL TILE, 4 1/4" BY 4 1/4" BY 1/4" FACTORY MOUNTED; DAL-TILE OR APPROVED EQUAL.
- C. DAL-TILE PRICE GROUP ONE OR TWO WILL BE THE BASIS OF COLOR SELECTION.
- D. TRIM: MATCHING FIELDTILE COLOR, COLOR, SIZE, TEXTURE; COVED BASE
- E. WINDOW SILLS: 3/4" GROUP A MARBLE, ASTM C 503. SILLS SHALL PROJECT NO MORE THAN 3/8" FROM ADJOINING SURFACES. MITER OR ROUND PROJECTING CORNERS OF SILLS.
- F. THRESHOLDS: GROUP A MARBLE, ASTM C 503
- G. MARBLE THRESHOLDS: SHALL BE CUT TO PROFILE FROM GROUP "A" MARBLE.
- H. PORTLAND CEMENT: ASTM C-150 TYPE 1.
- I. SAND: ASTM C-144.
- J. DRY SET MORTAR: ANSI A118.1.
- K. GROUT: ANSI A118.6, DRY-SET FOR WALLS, LATEX PORTLAND CEMENT FOR FLOORS. COLOR AS SELECTED BY ARCHITECT.

8. **INSTALLATION:**

- A. ALL CERAMIC FLOOR TILE SHALL BE LAID IN PORTLAND CEMENT MORTAR BED 1-1/2" TO 2" THICK UNLESS NOTED OTHERWISE.
- B. ALL WALL TILE SHALL BE SET IN THIN-SET SYSTEM.
- C. ALL TILE SHALL BE LAID IN PATTERN DIRECTED BY ARCHITECT. TILE SHALL BE SET, GROUTED AND CLEANED IN ACCORDANCE WITH ANSI A108.5 AND A108.10.
- D. SLOPE ALL FLOORS UNIFORMLY FROM TOWARD FLOOR DRAINS.
- E. **INSTALL TILE AND BASE BELOW AND BEHIND ALL CABINETS.**
- F. **WALL TILE TO BE DRILLED OR CUT TO ACCOMIDATE PENETRATIONS. FRACTURE CUT OR SPLIT TILE WILL NOT BE ALLOWED.**
- G. MARBLE WINDOW STOOLS SHALL BE 3/4" WHITE MARBLE AS DETAILED ON DRAWINGS. EXPOSED OUTSIDE CORNERS TO HAVE A 3/8" RADIUS. STOOLS SHALL PROJECT NO MORE THAN 3/8" FROM ADJOINING SURFACES. OPENINGS 4'-0" AND LESS SHALL BE ONE PIECE. OPENINGS 4'-0" TO 8'-0" ± SHALL HAVE A MAXIMUM OF TWO PIECES. CONSULT ARCHITECT FOR OPENING OVER 8'-0".

9. **CLEANING AND PROTECTION:**

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- A. UPON COMPLETION, THOROUGHLY CLEAN ALL EXTRANEIOUS SUBSTANCES FROM SURFACES. DAMP-MOP FLOORS WITH CLEAN WATER. WIPE AND POLISH WALLS WITH CLEAN CLOTHS.
- B. PROVIDE SUITABLE PROTECTIVE MATERIAL OVER TILE WORK TO PROTECT FROM FOOT TRAFFIC AND SUBSEQUENT CONSTRUCTION OPERATIONS UNTIL COMPLETION OF THE PROJECT.

END OF SECTION