

Division 09 – Finishes

Section 093000 – Tiling

Sub-Section 093019 – Paver Tiling

NOTE TO SPECIFIER: Please review the entire specification before you begin to edit for your specific project requirements. IT IS RECOMMENDED to run a copy of the entire specification, make notes of products that you wish to specify, mark off the items you wish to change or delete first. Then do a “save as” to the original file, renaming it to your specific project name, then make the revisions and deletions to the spec. Save your data at frequent intervals so as to not lose it if you experience software or computer problems. Upon editing this guide specification completely and placing into your project requirements, it is recommended that you delete any non-pertinent sub-sections and eliminate all of the “NOTES TO SPECIFIER”.

DISCLAIMER: This guide specification was written for the sole purpose of being used as such, a guide to create your specific project specifications. We do not accept any responsibility for the accuracy, up to date product data, or the current industry standards listed here as they may have changed since this guide was created. Please get all current product literature for each product you specify, the industry standards that are relative to your installation and all Federal, State and Local codes.

PART 1 - GENERAL

1.1 SUMMARY

1.2 SECTION INCLUDES

- A. Porcelain tile

1.3 PRODUCTS FURNISHED BUT NOT INSTALLED THIS SECTION

NOTE TO SPECIFIER: Edit for applicable products

1.4 PRODUCTS INSTALLED BUT NOT FURNISHED UNDER THIS SECTION

NOTE TO SPECIFIER: Edit for applicable products

1.5 RELATED SECTIONS

1.6 REFERENCE STANDARDS

- A. American National Standards Institute (ANSI) A137.1 American National Standard Specifications For Ceramic Tile – Current Edition

NOTE TO SPECIFIER: edit for applicable reference standards

1.7 SUBMITTALS

- A. Submit samples of each type/style/finish/size/color of ceramic tile, mosaic, paver, trim unit or threshold under provisions of Section (01300.) (01340.)
- B. Submit manufacturers' installation instructions under provisions of Section (01300.) (01340.)
- C. Submit manufacturer's certification under provisions of Section (01405) that the materials supplied conform to ANSI A137.1.
- D. Submit proof of warranty.

1.8 QUALITY ASSURANCE

- A. Tile Manufacturer: Company or Affiliate Company specializing in ceramic tile, mosaics, pavers, trim units and/or thresholds with five (5) years minimum experience. Obtain tile from a single source with resources to provide products of consistent quality in appearance and physical properties.

1.9 MOCK-UPS

- A. Provide mock-up of each type/style/finish/size/color of ceramic tile, mosaics, pavers, trim unit and threshold, along with respective installation adhesives, mortars, grouts and other installation materials, under provisions of Section (01400) (01405).

1.10 PRE-INSTALLATION CONFERENCE

Pre-installation conference: At least three weeks prior to commencing the work attend a meeting at the jobsite to discuss conformance with requirements of specification and job site conditions.

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Representatives of owner, architect, general contractor, tile subcontractor, and any other parties who are involved in the scope of this installation must attend the meeting.

1.11 DELIVERY, STORAGE AND HANDLING

- A. Acceptance at Site: deliver and store packaged materials in original containers with seals unbroken and labels, including grade seal, intact until time of use, in accordance with manufacturer's instructions.
- B. Store porcelain tile and installation system materials in a dry location; handle in a manner to prevent chipping, breakage, and contamination.

NOTES FOR SPECIFIER: Edit for project specific sequence and scheduling

1.17 WARRANTY

1.18 MAINTENANCE

Submit maintenance data under provisions of Section 01730. Include cleaning methods, cleaning solutions recommended, stain removal methods, as well as polishes and waxes recommended.

1.19 EXTRA MATERIALS STOCK

Upon completion of the work of this Section, deliver to the owner 2% minimum additional tile and trim shape of each type, color, pattern and size used in the work, as well as extra stock of adhesives, mortars, grouts and other installation materials for the owner's use in replacement and maintenance. Extra stock to be from same production run or batch as original tile and installation materials.

PART 2 - PRODUCTS

2.1 TILE MANUFACTURERS

Subject to compliance with paragraphs 1.12 and performance requirements, provide products by one of the following manufacturers:

Name: StonePeak Ceramics

Address: 314 West Superior – Chicago, IL 60610

Office: 312-506-2800

Fax: 312-335-0533

Email: info@stonepeakceramics.com

Website: www.stonepeakceramics.com

2.3 FLOOR TILING MATERIALS

NOTE TO SPECIFIER: edit for each tile type create a product code for each tile and trim that you wish to use on the project.

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- Tile # PT – 01 - Floors
- A. Tile/Collection:
 - B. Color:
 - C. Size:
 - D. Finish:
 - E. Rectified: Yes
 - F. Product Number:
 - G. Special shapes:
 - H. Pattern/Tile Schedule (Dwg):

NOTE TO SPECIFIER: Use either the following performance specification or the proprietary specification.

2.4 PRODUCTS FURNISHED BUT NOT INSTALLED UNDER THIS SECTION

NOTE TO SPECIFIER: Edit for applicable product.

PART 3 – EXECUTION

3.1 SUBSTRATE EXAMINATION

- A. Verify that surfaces to be covered with ceramic tile, mosaics, pavers, brick, stone, trim or waterproofing are:
 - 1. Sound, rigid and conform to good design/engineering practices;
 - 2. With maximum deflection under all live, dead and impact loads, including concentrated loads, of L/360 for ceramic tile, mosaics, pavers or brick;
 - 3. Clean and free of dust, dirt, oil, grease, sealers, curing compounds, laitance, efflorescence, form oil or loose plaster, paint and scale;
 - 4. Not leveled with gypsum or asphalt based compounds;
 - 5. In accordance with ANSI 108.01 –Subsurfaces and Preparation by Other trades.

3.2 SURFACE PREPARATION

- A. **CONCRETE SUBSTRATES**
(Insert any Special Means of Preparation in addition to the surface preparation requirements listed in § 3.1)

NOTE TO SPECIFIER: edit substrate and preparation section based on project specific surfaces and conditions.

3.3 INSTALLATION – ACCESSORIES

NOTE TO SPECIFIER: edit section based on project conditions.

3.4 INSTALLATION – TILE, BRICK & STONE

- A. **General:** Install in accordance with current versions of American National Standards Institute, Inc. (ANSI) "**A108 American National Standard for Installation of Ceramic Tile**" and TCA "**Handbook for Ceramic Tile Installation both to be the most current version.**"
Cut and fit ceramic tile, brick or stone neatly around corners, fittings, and obstructions. Perimeter pieces to be minimum half tile, brick or stone. Chipped, cracked, split pieces and edges are not acceptable. Make joints even, straight, plumb and of uniform width to tolerance +/- 1/16" over 8' (1.5mm in 2.4m). Install divider strips at junction of flooring and dissimilar materials.

3.4 CLEANING

Clean excess mortar/epoxy from veneer surfaces with water before they harden and as work progresses. Do not contaminate open grout/caulk joints while cleaning. Sponge and wash veneers diagonally across joints. Do not use acids for cleaning. Polish with clean dry cloth. Remove surplus materials and leave premises broom clean.

Follow manufacturer's recommendation for protection during installation and grouting as well as recommendations for routine and heavy duty maintenance of porcelain tiles.

3.5 PROTECTION

PART 4 – HEALTH AND SAFETY

The use of personal protection such as rubber gloves, suitable dust masks, safety glasses and industrial clothing is highly recommended. Discarded packaging, product wash and waste water should be disposed of as per local, state or federal regulations.

End of Section 093019 – Paver