

ESTUDIO GROUP LLC • Phone: (800) 784.0231 • (714) 813-6598
• Fax: (714) 279-9111 • E-mail: sales@estudiogroup.net
• Anaheim, CA • Austin, TX • Clifton NJ • Fred Jackson: National Sales

FINISHES SPECIFICATIONS

CERAMIC TILE 09300
NATURAL STONE 04400
SHORT FORM

1. GENERAL

1.01 SUMMARY

- A. Provide *ceramic tile/natural stone/metal/glass* where shown on the drawings, as specified herein, and as needed for a complete and proper installation.
- B. Related Work:
 - 1. Documents affecting work of this section include, but are not necessarily limited to General Conditions, Supplementary Condition, and Sections in Division 1 of these specifications.

1.02 SUBMITTALS

- A. Comply with pertinent provisions of Section 01300.
- B. Submit Samples of the proposed *ceramic tile/natural stone/metals/glass*, showing color range, color variation, and textures.

1.03 QUALITY ASSURANCE

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this section.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Comply with pertinent provisions of Section 01600.

2. PRODUCTS

2.01 CERAMIC TILE/NATURAL STONE/METAL/GLASS

- A. Color, size, texture, and shape to match sample and be approved by Architect and Owner, as supplied by *Estudio Group LLC; Phone: (800) 784-0231; Fred Jackson, Austin, TX; e-mail: sales@estudiogroup.net; Phone: (714) 813-6598, Fax: (714) 279-9111; www.estudiogroup.net.*

2.02 OTHER MATERIALS

- A. Anchors and Anchor Slots:
 - 1. Provide appropriate anchor slots and ties manufactured by Heckman Building Products Inc., 4015 W. Carroll Ave., Chicago, Illinois 60624, (800) 621-4140, Fax: (312) 826-4919, or equal products approved in advance by the Architect.
 - 2. Wire: Comply with ASTM A82, 9 gauge, galvanized.
- B. Sealer: **Nano 1000 by Kinloch** for the ceramic tile or natural stone, as supplied by *Estudio Group LLC.*
- C. CIS/Noble Company Waterproofing/Anti-fracture membrane as per ANSI A118.12, 2007 as recommended by *Estudio Group LLC.*
- D. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the contractor, subject to approval of the Architect.

3. EXECUTION

3.01 SURFACE CONDITIONS

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- A. Examine the areas and conditions under which work of this section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION

- A. Coordinate with other trades as required to assure proper and adequate provision in the work of those trades for interface with the work of this section.
- B. Universal Latex Modified Thinset: Latex modified thinset that exceeds the requirements of ANSI A118.4, as recommended by *Estudio Group LLC*.
- C. Mortar:
1. Provide mortar consisting of one part Portland cement, from 1/4 to 1/2 part hydrated lime, and clean, well graded sand in the proportion of three times the sum of the cementitious material.
 2. Mix in a batch mixer for not less than five minutes, and long enough for thorough intimate mixing of all ingredients.
 3. Re-tempering:
 - a. Retemper on mortar boards by adding water within a basin formed with the mortar, and working the mortar into the water.
 - b. Do not dash or pour water over the mortar
 - c. Do not use or re temper harsh non-plastic mortar.
- D. Grout:
1. For grouting joints, provide a Portland cement grout (specify color) conforming to ANSI A118.6 - Section S-3, as recommended by *Estudio Group LLC*.
 2. For grouting cavities, provide mortar as specified above, with sufficient water added to make a pourable consistency.
 3. Pre-Sealing. Material should be sealed prior to grouting with **Nano 1000 by Kinloch** for the ceramic tile or natural stone, as supplied by *Estudio Group LLC*.
- E. Provide expansion joints at maximum 12'-16' intervals in each direction. Follow TCA method EJ 171-94.

3.03 CLEANING AND PROTECTION

- A. Use clear water and clean brushes or cloths, and remove all mortar stains as the work progresses.
- B. Upon completion of the stone installation, clean all exposed surfaces, removing all stains with fiber brushes, and then washing with clear water.
- C. In the event ordinary cleaning is not adequate, use other methods as approved by the Architect, and at no additional cost to the Owner.
- D. After installation use **Nano 1000 by Kinloch** for the *ceramic tile/natural stone/metal/glass*, as supplied by *Estudio Group LLC*.
- E. Protect all floor installation from general traffic for at least three days after grouting has been completed.

END OF SECTION