



INSTALLATION SPECIFICATIONS FOR VENEER BRICK & STONE

Part 1- General

Summary of Specification:

This document contains the methodology for the installation of Veneer Brick & Stone for service requirements on vertical or horizontal use both interior or exterior over properly prepared concrete, mortar beds, cementitious backer units, (APA) exterior grade plywood when installed on interior applications only), existing ceramic tile or gypsum board (interior wall use only).

Related Sections:

- A. Section 09300-Tile
- B. Section 03600-Grout

Part 2-Products

Submittals:

- A. Submit under provisions of Section 01300.
- B. Submit specified tiles as manufactured by (mfr) including product data indicating type and color, or color pattern, submit two (2) 12 in. by 12 in. panels. All tiles shall be as supplied by (company, telephone, fax, e-mail & internet http).
- C. Submit materials for setting & grouting tile as manufactured by SGM, Inc. Pompano Beach, FL USA. (800) 641-9247 or (954) 943-2288, Fax (954) 943-2402, sales@sgm.cc, Internet: www.sgm.cc. Materials for setting Veneer Brick & Stone shall be as follows: SGM Floor/Wall Thinset Mortar gauged with Southcrete 28 flexible mortar additive or Multi-Lite polymer modified light weight mortar. Water proofing and anti-fracture membrane shall be SGM Southcrete 1132 liquid applied membrane.

Quality Assurance:

- A. Tile and Dimension Stone Manufacturers: Minimum five (5) years documented experience producing respective products specified in this section.
- B. Setting Materials and Grout Materials Manufacturer: Tile Council of America, Inc. Licensee for Dry-Set Mortar and Grouts, with minimum five (10) years documented experience producing respective products specified in this section.
- C. Installer: Minimum five (5) years documented experience installing respective products specified in this section.
- D. Mock-up: Construct mock-up panel using materials specified for final work. Obtain Architect's or Owners Representative acceptance of visual qualities of mock-up.

Movement Joints:

- A. Form expansion control joints in accordance with TCA EJ171 (current year)
- B. Provide expansion control where tile abuts vertical surfaces, dissimilar surfaces, structural joints or changes of material occur in tile substrate as indicated on drawings.
- C. After setting mortar has cured, remove filler strips and install joint backing materials and sealers in accordance with section 07900.



Part 3-Excution:

Preparation:

- A. Verification of conditions by installer prior to work commencing, advising General Contractor, Architect or Owners Representative of any pre-existing condition of substrate that requires modification before installation.
- B. Floors must be free of wax, oil, dust, or paint particles. Remove any liquid curing agents or concrete sealers. Scarify surface of tile via mechanical abrasion with a carborundum disk followed by a clear water wash. Then level substrate to within tolerance using SGM Southcrete 30 High Strength Admix & SGM Easy Float mortar. Dampen highly porous concrete with clean potable water leaving no puddles or standing water prior to placement of leveling topping.

Installation of Waterproof / Anti-Fracture Membrane:

- A. Waterproofing membrane SGM SC1132 shall be installed all wet areas.
- B. Anti-fracture membrane shall be installed over any pre-existing hairline cracks in substrate prior to commencement of tile work.

Installation of Veneer Brick & Stone Thin Bed Method:

- A. Mix **SGM Multi-Lite** polymer modified lightweight mortar according to printed product instructions included with each product package or **SGM Floor/Wall Thinset** Mortar gauged with **Southcrete 28** flexible mortar additive.
- B. Apply the mix liberally with the flat side of trowel to substrate. Use sufficient pressure to work mortar in good contact. Then comb with notched edge of trowel to leave uniform edges. A notched trowel large enough to insure full bedding of the stone panels is recommended. Apply mix to back side of each stone panel with flat side of trowel prior to placement. Place stone panels while surface is wet and tacky. Spread only as much mortar as can be covered in 15-20 minutes or before surface dries. Panels shall be pressed firmly and joints uniformly aligned before initial set takes place.
- C. Unless otherwise indicated, install stone panels in grid pattern plumb and level.

Grouting:

- A.

Protection:

- A. Protect installed stone panels from other trades to prevent staining, damage and ware.

Technical Assistance, contact technical services representative toll-free (800) 641-9247 or e-mail ts@sgm.cc.

End of Section