

**SECTION 044313**  
**STONE MASONRY VENEER**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Adhered cut stone veneer at exterior walls.
- B. Accessories for adhered veneer.
- C. Setting mortar.

**1.02 SUBMITTALS**

- A. Product Data: Provide data on stone units, mortar, and reinforcement.

**1.03 QUALITY ASSURANCE**

- A. Stone Fabricator Qualifications: Company specializing in fabricating cut stone with minimum ten years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type required by this section, with minimum 5 years of documented experience.

**PART 2 PRODUCTS**

**2.01 STONE**

- A. Stone, General: See recommendations in ASTM C1528/C1528M.
- B. Type: adhered, natural thin veneer stone for exterior application.
- C. Basis of Design: XL Rock Panels Stone Veneer by Norstone USA.
- D. Color: As scheduled on drawings.
- E. Field Units nominal 6 inches tall x 14 inches long. Provide factory outside corner units and finished end units.

**2.02 MORTAR APPLICATIONS**

- A. Use only factory premixed packaged dry materials for mortar, with addition of water only at project site.

### 2.03 MORTAR MIXES

- A. Provide one of the following in accordance with stone veneer manufacturer's directions.
  - 1. Latex-Portland modified Cement Mortar Thinset: ANSI A118.4.
- B. Mixing: Use mechanical batch mixer and comply with referenced standards.

### 2.04 ACCESSORIES - ADHERED VENEER

### 2.05 STONE FABRICATION - ADHERED VENEER

- A. Comply with ASTM C1242 requirements for adhered stone system without mechanical anchors for maximum stone weight and maximum individual stone panel size.
- B. Slope exposed top surfaces of stone and horizontal sill surfaces for shedding water.

### 2.06 ACCESSORIES FOR STONE MASONRY VENEER

- A. Penetrating, water based natural stone sealer as recommended by stone veneer manufacturer.

## PART 3 EXECUTION

### 3.01 INSTALLATION - ADHERED VENEER

- A. Install thin stone veneer with a thin-set mortar setting bed, in accordance with stone fabricator's instructions and applicable sections of the ICC (IBC), TMS 402/602 and ASTM C1242 that apply to adhered masonry veneer.
- B. Mortar Joints: Concave.
  - 1. Style: Tight fit joints.

### 3.02 INSTALLATION - MASONRY FLASHINGS

- A. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.
- B. Extend metal flashings through exterior face of stone and terminate in an angled drip with hemmed edge.
- C. Lap end joints of flashings at least 6 inches, minimum, and seal watertight with flashing sealant/adhesive.

### **3.03 SEALING**

- A. Seal stone veneer with clear, non-yellowing, penetrating sealer; provide number of coats recommended by manufacturer.

### **3.04 CLEANING**

- A. Remove excess mortar as work progresses, and upon completion of work.
- B. Finals Cleaning: Clean Rock Panel system no fewer than six days after completion of pointing and sealing, using clean water and stiff-bristle fiber brushes. Do not use wire brushes, acid-type cleaning agents, cleaning agents containing caustic compounds or abrasives, or other materials or methods that could damage stone. Do not powerwash stone.

### **END OF SECTION**

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