

**SECTION 04150**  
**MASONRY ACCESSORIES**

**04150.01 GENERAL**

**A. Description**

Masonry accessories shall include, but not necessarily be limited to, furnishing continuous wall reinforcement, vertical reinforcement, dovetail anchors, cavity wall ties, wall plugs, nailing strips, control joint filler, and other accessories specified in the Contract Documents or as directed by the Engineer.

**B. Related Work Included Elsewhere**

Unit masonry; Section 04200.

**C. Quality Assurance**

The Engineer will inspect all materials before and/or after installation to ensure compliance with the Contract Documents.

**D. Submittals**

Shop drawings shall be submitted as specified in the "General Provisions" for all wall reinforcement, control joint filler, and veneer anchors. The shop drawings shall include manufacturer's printed installation instructions and general product information.

**04150.02 MATERIALS**

**A. Materials Furnished by the County**

The County will not furnish any mortar accessories.

**B. Contractor's Options**

Not applicable.

**C. Detailed Material Requirements**

1. Continuous Wall Reinforcement

- a. Factory-fabricated continuous reinforcing tie system of No. 9 gauge, or heavier deformed steel side rods and flush welded cross rods conforming to ASTM A 82. Cross rods for cavity wall reinforcement shall have drip configuration.

- b. Dimensions:
    - 1) Between points of connection of cross rods with smooth side rods: 6 inches maximum.
    - 2) Between points of connection of cross rods with deformed side rods: 16 inches maximum.
    - 3) Out-to-Out of Side Rods: 2 inches less than the nominal thickness of the wall.
  - c. System shall include factory-fabricated units for corners and butting and intersecting walls.
  - d. Reinforcing units shall be hot-dip galvanized after fabrication in accordance with ASTM A 153, Class B2.
2. Vertical Reinforcement
- Deformed carbon steel bars conforming to ASTM A 615, size and grade as indicated.
3. Dovetail Anchors
- Flexible, adjustable ties factory fabricated from 3/16 inch thick zinc alloy or mild steel galvanized after fabrication in accordance ASTM A 153, Class B-3.
4. Cavity Wall Ties
- Fabricate from 3/16 inch diameter corrosion-resistant metal or zinc coated steel, formed into either a 3 inch wide rectangular shape with ends lapped or a "Z" shape with 2 inch legs, length as required to provide 1 inch of embedment in mortar beyond inner face of wall at each end. Zinc coat steel ties in accordance with ASTM A 153, Class B-3.
5. Wall Plugs (For securing wood nailing strips, and other accessories to masonry)
- Factory fabricated from corrugated steel sheet and galvanized after fabrication in accordance with ASTM A 153, Class B-3.
6. Nailing Strips
- Wood, pressure treated in accordance with AWWA C2 with creosote oil solution preservative conforming to AWWA Pl.
7. Control Joint Filler
- A factory-extruded solid section of rubber conforming to ASTM D 2000, 2AA-805 with a durometer hardness of 80 when tested in accordance with ASTM D 2240.

The shear section shall be not less than 5/8 inch thick and the flanges, not less than 5/16 inch thick.

**04150.03 EXECUTION**

Not applicable.

**04150.04 METHOD OF MEASUREMENT**

Masonry accessories will not be measured.

**04150.05 BASIS OF PAYMENT**

Masonry accessories will not be paid for as a separate item but is considered incidental to other items of work required in the construction of specific structures that will be paid for under various items indicated in the Proposal. Payment will constitute full compensation for all labor, equipment, tools, and incidentals necessary to complete the required work.

END OF SECTION