

SECTION 04090

MASONRY ACCESSORIES

For best results, display hidden notes to specifier.

**** NOTE TO SPECIFIER **** Mortar Net Solutions; masonry wall drainage systems.

This section is based on the products of Mortar Net Solutions, which is located at:
6575 Daniel Burnham Drive, Suite G
Portage, IN 46368
Tel: (800) 664-6638
Fax: (219) 787-5088
Email: sfechino@mortarnet.com
Web: www.mortarnet.com

MortarNet is the industry-leading mortar dropping collection device. Made from a 90 percent open-weave mesh with a patented Insect Barrier, it prevents mortar droppings from clogging weep holes in masonry cavity wall construction by catching and suspending mortar droppings and other debris on two levels above the flashing and weep holes. It prevents the mortar from forming a barrier against necessary water flow, allowing for the free migration of moisture in the cavity to the flashing and out of the weep holes.

MortarNet's efficient moisture management helps eliminate efflorescence on interior and exterior masonry walls, helps prevent damage caused by freeze-thaw cycles, and helps prevent the conditions that allow mold to develop, ensuring optimum performance of the walls. WeepVent or CellVent are used in conjunction with MortarNet to prevent insects and debris from clogging weep vents and to ensure that masonry walls retain their finished appearance.

Other products provided by Mortar Net Solutions to manage moisture in masonry construction include the mortar dropping collection devices WallDefender and HouseNet with Insect Barrier; the TotalFlash Cavity Wall Drainage Solution flashing system and CompleteFlash 14 Inch High Corner Boots and end dams for masonry cavity walls; the WallNet continuous drainage plane for rainscreen systems and adhered veneer, stone and stucco veneers; the LathNet metal lath and rainscreen drainage system; and BlockFlash and BlockNet flashing solutions for single wythe concrete block construction.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Masonry accessories including the following:
 - 1. Flashing system for single-wythe concrete masonry walls designed with a visible stainless steel drip edge. (BlockNet)

1.2 RELATED SECTIONS

**** NOTE TO SPECIFIER **** Delete sections below not relevant to this project; add others as required.

- A. Section 04050 - Basic Masonry Materials and Methods: Additional masonry materials.
- B. Section 04200 - Masonry Units: Masonry installation and coordination requirements.
- C. Section 04400 - Stone: Stone installation and coordination requirements.
- D. Section 04800 - Masonry Assemblies: Additional masonry assembly requirements.

- E. Section 07190 - Water Repellents: Masonry wall coatings.
- F. Section 07200 - Thermal Protection: Building Insulation.
- G. Section 07600 - Flashing and Sheet Metal: Metal counter flashing installation and coordination requirements.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage, handling requirements and recommendations.
- C. Verification Samples: For each Mortar Net WeepVent specified, two samples representing actual product, color, and configuration.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 2 years experience with similar masonry installations.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect products from exposure to direct sunlight.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Mortar Net Solutions; 6575 Daniel Burnham Drive, Suite G, Portage, IN 46368. Tel: (800) 664-6638. Fax: (219) 787-5088. Email: sfechino@mortarnet.com. Web: www.mortarnet.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Flashing system for single-wythe concrete masonry walls with visible stainless steel drip edge: BlockNet flashing system as manufactured by Mortar Net Solutions.
 - 1. Drainage Strip: 28 gauge stainless steel, 4 inches wide by 60 inches long with formed drip on the face edge and drainage mesh factory attached.
 - 2. Vertical drainage mesh: 7 inch by 7 inch thick polyester mesh.
 - 3. Sealant: One part polyether acceptable to flashing system manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.

- B. If substrate preparation is the responsibility of another installer, notify owner's agent and architect of unsatisfactory preparation before proceeding.

3.2 INSTALLATION

**** NOTE TO SPECIFIER ** Delete if BlockNet not required.**

- A. Flashing system for single-wythe concrete masonry walls designed with a visible, continuous stainless steel drip edge: BlockNet as manufactured by Mortar Net Solutions. Install in strict accordance with manufacturer's instructions and as follows:
 - 1. Install mesh-side up, with drip edge in alignment with edge of foundation or first concrete masonry unit course closest to foundation, but below interior floor. Applicable over wall openings, bond beams, structural steel members and in parapet walls.
 - 2. Apply commercial sealant to unmeshed end section of strip, and align and butt edges of adjacent strip.
 - 3. Form continuous drainage strip drainage system along entire perimeter of wall.
 - 4. At C.M.U. course directly above the BlockNet, install one 7 inch by 7 inch vertical mesh sleeve in each core. Install against inside face of outside shell to form U-shape sleeve, with the mesh touching the BlockNet drainage strip below.

3.3 PROTECTION

- A. Protect installed products from damage until completion of project.
- B. Repair or replace damaged products before covering with construction.

END OF SECTION