



SECTION 04 05 23

MASONRY ACCESSORIES - MORTAR DEFLECTION MAT

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Veneer cavity mortar deflection mat.

1.2 RELATED SECTIONS

- A. Section 04 20 00 – Clay Unit Masonry: Cavity wall construction of brick veneer.
- B. Section 04 43 00 – Stone Masonry: Wall construction of stone veneer.
- C. Section 09 24 23 – Portland Cement Stucco: Wall construction of stucco.

1.3 REFERENCES

- A. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 1. Preparation instructions and recommendations.
 2. Storage and handling requirements and recommendations.
 3. Installation methods.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 2 years production of similar products.
- B. Installer Qualifications: Minimum 2 years experience as a masonry installer.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Keene Building Products; PO Box 241353, Mayfield Heights, Ohio 44124. Toll Free Tel: (877) 514-5336, Tel: (440) 605-1020. Fax: (440) 605-1120. Email: info@keeneBuilding.com. Web: <http://www.KeeneBuilding.com>.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 25 00.

2.2 MASONRY CAVITY MORTAR CONTROL

**** NOTE TO SPECIFIER **** DRIWALL MASONRY MORTAR DEFLECTION 2.0-160 IS A 1.60 INCH (41 MM), THREE DIMENSIONAL GEOMETRIC PATTERNED CORE, MASONRY MORTAR DEFLECTION PRODUCTS DESIGNED TO CATCH AND HOLD MORTAR DROPPINGS. THE PRODUCT ALLOWS MOISTURE TO PASS THROUGH BUT SUSPENDS DEBRIS ABOVE THE FLASHING BUT BELOW THE FACE OF THE INTERIOR WALL IN ORDER TO ALLOW MOISTURE TO FLOW THROUGH TO WEEP HOLES. DRIWALL MORTAR DEFLECTION 2.0-160 IS PLACED IN A STRIP HORIZONTALLY IN A 2.0 INCH (5.0 CM) CAVITY WALL. IT IS DESIGNED TO BE 10.0 INCHES (25.4 CM) HIGH WITHIN THE STRUCTURE. MADE FROM POLYPROPYLENE, DRIWALL MORTAR DEFLECTION HELPS PREVENT MOLD AND DOES NOT ABSORB MOISTURE LIKE OTHER PRODUCTS MADE FROM POLYAMIDE.

- A. Masonry Cavity Mortar Deflector: Three dimensional geometric patterned core, masonry mortar deflection strip to catch and hold mortar droppings. Moisture shall pass through but shall suspend debris above the flashing but below the face of the interior wall to allow moisture to flow through to weep holes.
- B. Product: Driwall Masonry Mortar Deflection 2.0-160 as manufactured by Keene Building Products.
 - 1. Physical Characteristics:
 - a. 1.6 inches (41 mm) thick.
 - b. 12.7 oz/sq. yd. (360 g/sq m) core weight.
 - c. 10 inches (25.4 mm) wide.
 - d. 25 feet (7.6 m) roll length.
 - 2. Performance:
 - a. Stop mortar from clogging weep holes.
 - 3. Material: UV stabilized polypropylene.
 - a. Hydrophobic compound.
 - b. Resistant to chemicals.
 - c. Does not support mold growth.
- C. Application:
 - 1. Provide at non-insulated masonry cavity walls 2 inches (51 mm) thick and as indicated or required.
 - 2. Provide at insulated masonry cavity walls greater then 2 inches (51 mm) with additional insulation and as indicated or required.
 - 3. Provide at stone cavity walls and as indicated or required.

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 Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 MORTAR CONTROL INSTALLATION

- A. Install in accordance with manufacturer's instructions.

- B. Inspection of Membrane and Wall Conditions: Assure that the wall is free from structural defects, that any membranes or flashing are properly installed and that the final system will have a path for moisture to escape from the wall.
- C. Installation of Mortar Control: Place a continuous strip in the cavity at all flashing locations. Place horizontally on top of the flashing to ensure that the mortar droppings are broken up and deflected away from the weep holes. Mechanical attachment is not required.

END OF SECTION