This guide specification can be used to specify all thicknesses of MortarCapture™, a polyester nonwoven filter media engineered to provide a defined, continuous drainage plane allowing for airflow and drainage of moisture within the wall assembly to the weep holes. This guide contains specification content for all thicknesses of MortarCapture™, depending on wall cavity design. This product specification can be inserted into any other similar masonry specification section not listed in 1.02 Related Sections.

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Masonry Cavity Drainage. Full wall height masonry drainage material engineered for mortar dropping prevention, cavity drainage and airspace management for the stone, stucco, masonry and other cladding industries.

1.02 RELATED SECTIONS

A. Section 04 05 23 – Masonry Accessories.
B. Section 04 20 00 – Clay Unit Masonry.
C. Section 04 22 00 - Concrete Unit Masonry.
D. Section 04 43 00 - Stone Masonry.

1.03 REFERENCES

Specifier Note: Please note, this article does not require compliance with standards; however, the testing standards are listed below.


1.04 SUBMITTALS

A. Comply with Section 01 33 00 – Submittal Procedures.
B. Product Data: Submit manufacturer’s product data, and general overview/installation instructions.
C. Samples: Submit manufacturer’s sample of each material specified, in 12” x 12” size.
D. Certification:
   1. Installer’s Certification: Submit installer’s certification indicating compliance with manufacturer’s requirements for installation of materials.
   E. Warranty: Submit manufacturer’s standard warranty.
1.05 QUALITY ASSURANCE

A. Manufacturers Qualification: Manufacturer of mortar suspension products of more than 15 years.
B. Installer’s Qualifications: Utilize an installer having demonstrated experience on projects of similar size and complexity with understanding of flashing drainage systems.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to established site in original, unopened boxes and/or pallets with clear, defined labeling identifying product name and manufacturer as well as detailed packing list of full content.
B. Storage: Store materials in a dry area indoors, or covered outdoors in accordance with manufacturer’s instructions.
C. Handling: Protect materials during handling and installation to prevent damage.

PART 2 PRODUCTS

2.01 MANUFACTURER

Specifier Note: Retain or delete paragraph(s) below per project requirements and specifier’s practice.

A. MortarHalt™ Innovations; by South Atlantic Masonry Products; 4162 S. Creek Rd., Chattanooga, TN 37406. 877-721-3355: www.mortarhalt.com : info@mortarhalt.com
B. Substitutions: Not permitted.
C. Manufacturers of equivalent products submitted and approved in accordance with Section 01630 - Product Substitutions Procedures.

2.02 Products

MortarHalt™ Innovations manufacturers three thicknesses of MortarCapture™. MortarCapture - .50, recommended for .50” (12.7mm) masonry cavity wall applications. MortarCapture - 1.0, recommended for 1.0” (25.4mm) masonry cavity wall applications. MortarCapture - 2.0, recommended for 2.0” (50.8mm) masonry cavity wall applications.

A. Mortar Deflection Device:

1. Type: A polyester nonwoven filter media engineered to provide a defined, continuous drainage plane allowing for airflow and drainage plane allowing for airflow and drainage of moisture within the wall assembly to the weep holes. The masonry drainage product is designed for installation behind the full wall height of all masonry construction. MortarCapture™ is manufactured by MortarHalt™ Innovations, an E3 Products, Inc company.
2. Composition: 100% post consumer and industrial recycled PET polyester with water based latex binder
3. Thicknesses: Select thickness to allow no more than .375” (9.3mm) between the product and the masonry wythe.
   a. MortarCapture - .50; thickness of .35” (8.9mm)
   b. MortarCapture – 1.0; thickness of .90” (23mm)
   c. MortarCapture – 2.0”; thickness of 1.75” (44mm)
4. Roll Lengths: Rolls can be customized to any length.
   a. MortarCapture .50 and 1.0 – 60’ (18.28m)
   b. MortarCapture 2.0 – 30’ (9.14m)
5. Roll Heights: Two heights available all thicknesses. Rolls can be further customized to any height.
   a. 28” (.71m)
   b. 56” (1.42m)
6. Product sold by the roll or sheet.

**PART 3 – EXECUTION**

3.1 INSTALLATION

A. MortarCapture™ should only be installed by experienced masons in accordance to manufacturers instructions supplied with each product.
B. Ensure the wall has no structural defects, and that all flashings and membranes have been properly installed.
C. Unroll product or place sheeted product in the wall cavity beginning at wall base.
D. Product may be installed vertically or horizontally. Fit between ties or cut to fit around ties as needed.
E. Product does not need fasteners and can friction fit in the cavity. If backup is wood with water vapor, minimal staples may be used to lightly secure product. If backup is CMU, an adhesive compatible to the product may be used to secure.
F. Stagger horizontal or vertical seams as installing the product throughout the full-height of the cavity wall.
G. Use multiple layers at the base of the wall and above all through- wall flashings to eliminate any open airspace.

**END OF SECTION**