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1. PRODUCT NAME

The Mortar Net Drainage/Ventilation System

2. MANUFACTURER

Mortar Net USA, Ltd.
 541 S. Lake Street
 Gary, IN. 46403
 Phone (800) 664-6638
 Fax (219) 939-3877

3. PRODUCT DESCRIPTION

Basic Use: The Mortar Net System is the leading mortar dropping collection device providing the solution for clogged weep holes in masonry construction. It is available for new construction and retrofit applications. Typical applications include above grade brick cavity wall construction, above all window and door openings, and at all relieving angles in multi-story construction.

Limitations:

- Do not install The Mortar Net System in below grade applications.
- The Mortar Net System is not a substitute for good, quality masonry practices.
- The Mortar Net System can only be used with an approved weep vent system.

Composition and Materials:

The Mortar Net System features a patented dovetail shape and 90% open-mesh weave of recycled polyester and polypropylene. The material will not oxidize, rot, promote mold or fungus, or react with other common building materials such as mortar, cement, asphalt, modified bitumen, PVC, copper or galvanized metal, thereby ensuring long-term performance for all materials. Mortar Net is supplied in 10" high by 5 foot lengths

in widths of .4", 1" and 2" to completely fill the cavity width. The Mortar Net Weep Vents are made of the same 90% open-mesh recycled polyester material bonded with a flame-retardant adhesive to provide resilience and strength. They are available in a choice of colors to match the mortar being used - white, brown, tan, gray, almond and red.

4. TECHNICAL DATA

The Mortar Net System conforms to the physical property and typical values listed in Table 1.

5. INSTALLATION

The Mortar Net System is easy to use. It requires no fasteners or adhesives, no special skills or tools. After the first two courses of brick are laid, place a continuous row of Mortar Net in the cavity or collar joint on the flashing against the inside of the outer wythe at the base of the wall. The Weep Vents are placed in the brick joint 24" on center at the flashing line and installed in a manner to have the material flush with the outer face of the brick.
Optional: Install Weep vents at the top of each cavity compartment 24" on center in the same manner to provide additional ventilation.

Table 1	
<u>Drainage - Test Method ASTM E-514</u>	
Water Volume Passing Through Weep Holes at the Brick Wythe Face	
• After 3 Hours	2.6 gallons per hour
• After 72 Hours	2.9 gallons per hour
<u>Ventilation - Test Method ASTM E-283-91</u>	
Air Flow using Mortar Net System versus an entirely open cavity	
• 15 mph	0% Air Flow reduction
• 25 mph	0% Air Flow reduction
• 50 mph	0% Air Flow reduction