



MORTAR MAZE®

Patent Number: US 6,256,955 B1

Mortar Maze® | mortar deflection for one-inch and two-inch cavity wall applications

Mortar Maze® is our patented multi-level mortar deflection system that breaks up mortar droppings on four levels offering the best all around protection from excess mortar buildup within a cavity wall system. Backed by Advanced Building Products, a leading manufacturer of thru-wall flashings, all-wall drainage mats, and sound reducing products, the unique dimple configuration allows more lineal footage per box, which greatly cuts down on freight costs and on-site cardboard box waste.

Description:

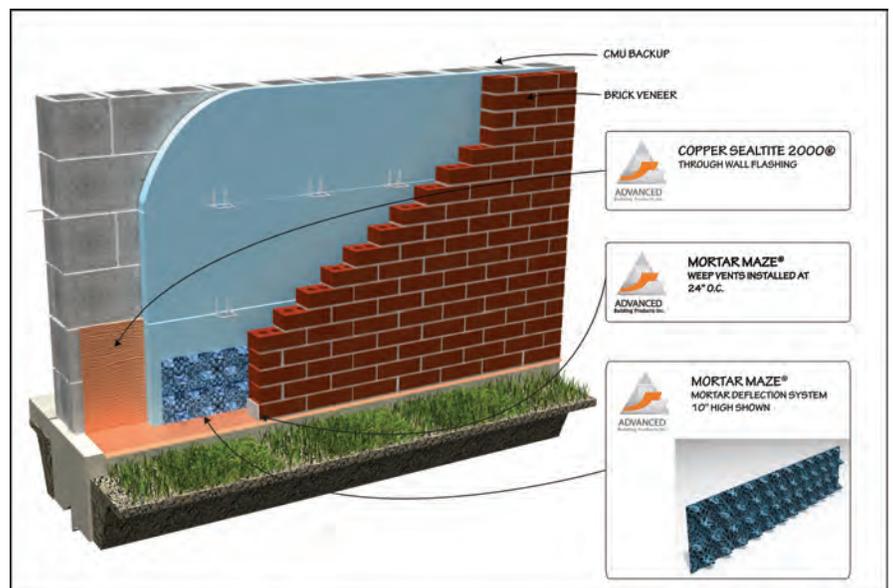
Mortar Maze® is a mortar deflection device used in conjunction with standard masonry cavity walls with a 1" or 2" wide cavity.

Basic Use:

For use at all flashing locations, such as composite, single wythe and veneer applications.

The molded polymer core geomatrix design allows moisture to seep down through any mortar droppings and weep out of the wall through mortar free weep vents.

Mortar Maze® used with properly installed flashing and weep vents, along with good mortar applying techniques, will ensure the performance of a well-designed masonry wall.



Features & Benefits:

- » The unique configuration provides uniformity and structural integrity which will stand up to the weight of the mortar.
- » The 90% open mesh allows for proper air movement and water drainage.
- » The lightweight monofilament is handled and stored easily on the jobsite.
- » Will not rot or react with common building materials.
- » Requires no adhesives, fasteners, or special skills to install.
- » The complete Mortar Maze® product line is backed by Advanced Building Products, a leading manufacturer of thru-wall masonry flashings.
- » Patented design allows for more lineal footage per pallet reducing freight costs.
- » Contributes to LEED points.

| PHYSICAL DATA | Mortar Maze®315 | Mortar Maze®325 |
|------------------------|------------------------|------------------------|
| Core Material | Polypropylene | Polypropylene |
| Thickness (nominal) | 1 inch | 2 inch |
| Sheet Length (nominal) | 5 lineal feet (1.52 m) | 5 lineal feet (1.52 m) |
| Sheet Width (nominal) | 11 inches | 11 inches |

| PACKAGING | Mortar Maze®(1 inch) | Mortar Maze®(2 inch) |
|-----------------------|---|---|
| Sheets per box | 40 sheets (200 lineal feet) | 40 sheets (200 lineal feet) |
| Boxes per pallet | 20 boxes per pallet (4,000 lineal feet) | 20 boxes per pallet (4,000 lineal feet) |
| Pallets per truckload | 18 pallets per truckload (72,000 lineal feet) | 18 pallets per truckload (72,000 lineal feet) |

Short Form Specification:

The mortar deflection device in the cavity wall shall be Mortar Maze® polymer core geomatrix composed of strands woven and molded into a 1 inch or 2 inch thick mesh, as manufactured by Advanced Building Products, Inc. , tel: 800-252-2306. The product shall be installed in accordance with manufacturers' recommendations.

Installation:

Install Mortar Maze® by placing the strips at all flashing locations. Mechanical attachment is not required.



Overhead view shows the offset dimple design that breaks up mortar droppings on multiple levels.



Mock up panel example

