

Weep-Armor™

Frequently Asked Questions:

Q. Is Weep-Armor™ a mortar deflection product?

A. The purpose of the products is similar, but the method is very different. The Weep-Armor™ product is a wicking fabric that will transport the water to the weep vent. It is a less intrusive product that protects the weeps from dirt and debris in the cavity and protects the cavity from insects.

Q. Will the product create a bond break with the mortar?

A. No, it will not. The fabric is designed to be about one inch into the mortar joint on the third brick. More so, your flashing, drip edges, etc...that protrude all the way through the wall do not cause a bond break.

Q. What size do I choose for my cavity wall?

A. One size fits all. No worries about the contractor installing the right thickness like the netting products. Weep-Armor™ works with all standard cavity widths.

Q. Will the fabric clog when mortar is dropped on it?

A. No, the fabric will not clog. The fabric will actively transport the water through capillary action to the weep vent.

Q. How do you lap the product?

A. This product is not flashing, so it does not need to be sealed to create a single unit. To lap the product you can either overlap the end pieces or just butt them together.

Q. Which side of the cavity wall does the fabric go on?

A. The product is installed on the interior side of the bricks. According to BIA the vast majority of all water that enters the cavity rolls down the interior side of the brick, so this product will wick that water to the weep vents.

Q. Will the Weep-Armor™ freeze in the winter and create icing problems at the edge of the brick that it is tucked under, such as breaking the mortar bond, cracking the mortar joint or creating an ice shelf?

A. If the worst case were to present itself and the wicking surface were totally saturated with water and then froze very suddenly it would expand by 8%. This would cause a deflection of the wall of a maximum of 0.0025” since the wick is 0.03125” thick. This represents 0.7% of the thickness of a 0.375” thick mortar joint. When the non-woven thaws, the wall will return to its original position, .0025” away.

Q. Is Weep-Armor™ compatible with the other cavity wall components?

A. Yes, Weep-Armor™ is compatible with all of the through-wall flashings, insulations, air barriers, and sealants used in the cavity wall today.

Q. What is the life expectancy of the non-woven surface?

A. The polyester fibers the fabric is made of are totally inert and have indefinite life expectancies, especially in enclosed environments like cavity walls. These fibers are similar to the polyester fibers that are used in the carpet industry that will take an estimated 1,000 years to decompose in landfills.

Q. How high up the bricks should I tuck in the Weep-Armor™?

A. We recommend tucking it into the third row of bricks (approximately 8”), since that is the same height BIA recommends that your through-wall flashing be carried up the backer wall.

Q. Will this material support mold growth?

A. No. Weep-Armor™ has passed ASTM D3273 and ASTM G21 tests.