

ALLOWING MOISTURE TO DRAIN, NOT REMAIN®

How using Mortairvent® can protect your wall, and your home



When building exterior walls with stone, stucco, brick, cedar, EIFS, or fiber cement siding, it is important to use an effective rainscreen system that will provide a means for drainage and ventilation. Moisture will find its way into these wall systems by way of cracked mortar joints, gaps or cracks in the surface of the material. Natural absorption of the wood or fiber cement also needs to be considered. Once this moisture penetrates the outer surface of the wall, it becomes trapped in the wall system with no way to escape, creating the perfect environment for toxic mold growth and possible structural failure.

These damages are time consuming, costly, and in some circumstances, irreversible. Luckily, Advanced Building Products has developed the technology to combat this issue, and proudly offers Mortairvent®, a drainage and ventilation rain screen system specifically designed for use with most exterior siding materials that mitigates the potential damage caused by moisture intrusion.



Mortairvent® (.25 in. / 6mm)



Mortairvent® (.40 in. / 10mm)

Mortairvent® is available in .125" (3mm), .25" (6mm) and .40" (10mm) thicknesses.

Recently, there have been changes to building codes detailing the proper practices to efficiently move moisture: The air gap between the siding application and weather-resistant barrier should be no less than 3/16" (4.7mm) wide, or a space with a drainage efficiency of 90% or more, as measured in accordance with ASTM E2273, or Annex 2 of ASTM E2925, must be added to the exterior side of a weather-resistant barrier. By installing Mortairvent, this criteria is met, and both moisture drainage and ventilation are facilitated, eliminating any issues that may arise by using other products that **do not have rainscreen capabilities**, such as **drainable house wraps**.

BENEFITS

- 95% open design creates a continuous capillary break and channel for moisture to drain, accelerating drying of the exterior cladding.
- Durable polymer material is resistant to most known corrosive chemicals and helps reduce the risk of mold or mildew.
- Minimizes staining, peeling, and blistering of exterior finishes.
- Contributes to LEED points.
- Simple and quick to install. Easier and more cost effective than traditional furring strip methods.
- 2-ply design features a backer fabric that improves the tensile and compressive strength properties of the system. The fabric also serves to deflect mortar when used with stucco or a masonry veneer siding.
- Integrated insect screen.
- Meets the criteria for ASTM E2925 tests.

To learn more about Advanced Building Products, please visit us online at www.advancedbuildingproducts.com, or call 800.252.2306 to speak with us!

