



ADVANCED
Building Products Inc.

2022

**Allowing Moisture To Drain,
Not Remain™**



Welcome to Advanced Building Products, Inc.

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1

ENGINEERED RAINSCREEN PRODUCTS AND ACCESSORIES



The Importance of Rainscreen Technology

Residual water vapor is removed by convective air currents within the ventilated airspace created by the rainscreen. The airflow within this space also accelerates the drying of both the exterior and interior surface of the cladding.

Wind swept rain saturates the exterior cladding. Capillary action draws the moisture further into the wall assembly.

Moisture passes through the heat bonded filter fabric and drains down the airspace created by the entangled net and out of the wall via a weep screed.

Common Rainscreen Questions



**DON'T LET
THIS HAPPEN
TO YOU**

First of all... what is rainscreen?

A rainscreen is an assembly (not a product) applied to an exterior wall which consists of, at minimum, an outer layer, an inner layer, and a cavity between them sufficient for the passive removal of liquid water and water vapor.

Why should walls be built with rainscreen technology?

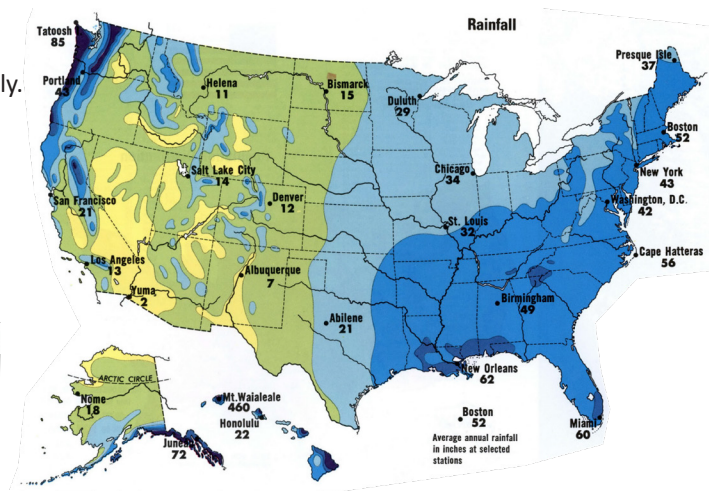
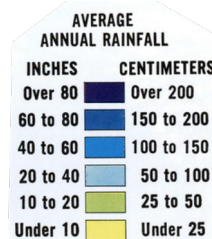
- 90% of all wall failures are due to moisture related issues.
- 45% of all buildings currently have moisture related issues, yet the building owner is unaware.
- Over 80% of all wall claddings used in construction are made from absorptive materials.
- There is no such thing as a waterproof wall system; therefore, we must design a wall to control the amount of moisture allowed past the cladding.

Where should rainscreen technology be utilized?

- In geographical areas receiving over 20 inches of rainfall annually.
- In geographical areas with high annual snowfall.
- In geographical areas with high wind volumes.

What cladding should utilize rainscreen technology?

- Stucco
- Manufactured Stone
- Thin Brick
- Fiber Cement
- Wood
- EIFS
- Natural Stone
- Natural Brick

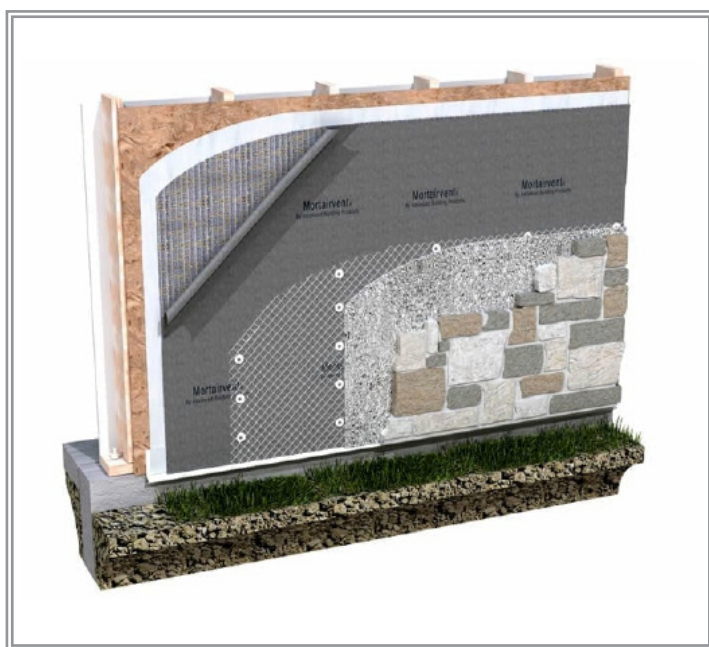


How do we build a wall to the rainscreen standard?

Utilizing an engineered polymeric drainage and ventilation mat, or engineered batten/furring strip tested to ASTM E2925, along with a weather resistant barrier will allow builders to achieve a consistent capillary break within the wall to promote proper drying and draining. Refer to section R703.7.3.2 of the 2021 IRC .



When building exterior walls with stone, stucco, brick, wood, 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 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. Mortairvent® is a drainage and ventilation system specifically designed for use with most exterior siding materials.



Benefits

- 95% open design creates a continuous capillary break and channel for moisture to drain and accelerates drying of the exterior cladding.
- Durable polymer material is resistant to most known corrosive chemicals and does not provide a food source for mold or mildew.
- Minimizes staining, peeling, and blistering of exterior finishes.
- Lightweight, easy to handle.
- Made from recycled materials qualifying for LEED credits.
- Simple and quick to install. Easier and more cost effective than traditional wood furring strip methods.
- 2-ply design features a backer fabric that improves the tensile strength properties of the rainscreen. The fabric also serves to deflect mortar when used with stucco or a masonry veneer siding.
- Meets the National Building Code of Canada.
- Backed by our 25 year warranty.
- Tested to ASTM E2925, **and meets the 2021 IRC Code requirement.**

Installation Instructions

- Apply a weather resistant barrier over sidewall sheathing. Note: some regions may require two layers of weather resistant barrier. Check local codes for more information.
- Install Mortairvent® after windows and doors have been properly installed and flashed. Starting at the base of the wall, unroll Mortairvent® from right to left with the fabric flap at the bottom, the three-dimensional (blue) polymer matrix against the weather resistant barrier, and the fabric side facing the exterior of the building. Staple or nail every three square feet.
- On the first (bottom) course only, unfold the fabric flap and tuck it between the (blue) polymer matrix and the weather resistant barrier to create an insect screen.
- On subsequent courses, butt the blue polymer material together without overlapping. Make sure to pull the fabric flap over the previous course (shingle style) and staple.
- On top course, invert the roll and unroll left to right with the fabric flap at the top. Unfold the fabric flap and tuck it between the (blue) matrix and the weather resistant barrier to create an insect screen.
- 2-ply design features a backer fabric that improves the tensile and compressive strength properties of the rainscreen. The fabric also serves to deflect mortar when used with stucco or a masonry veneer siding.
- Apply siding over Mortairvent® using manufacturer's recommended fasteners and spacing.

Find us in

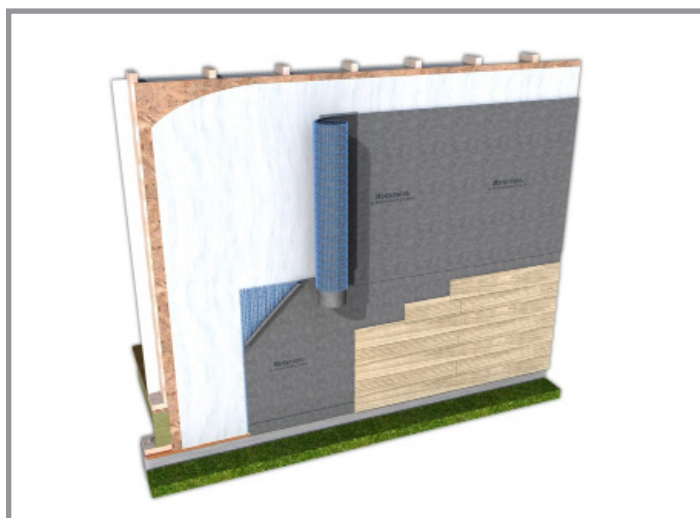
MasterSpec®

a product of The American Institute of Architects

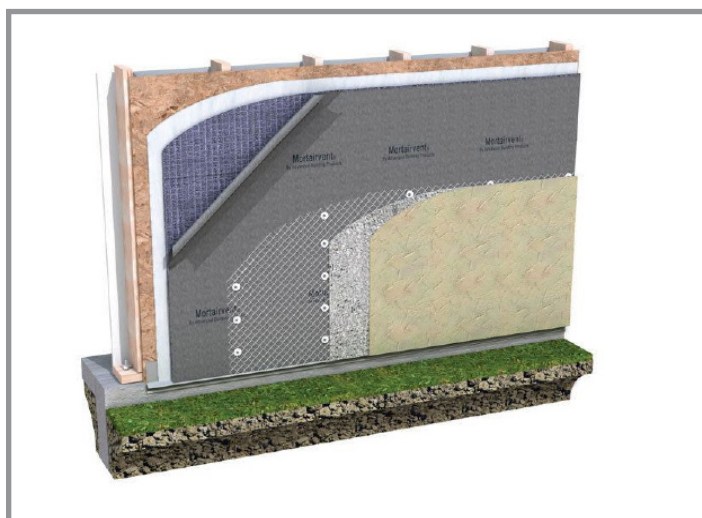
One Rainscreen, Multiple Sidings



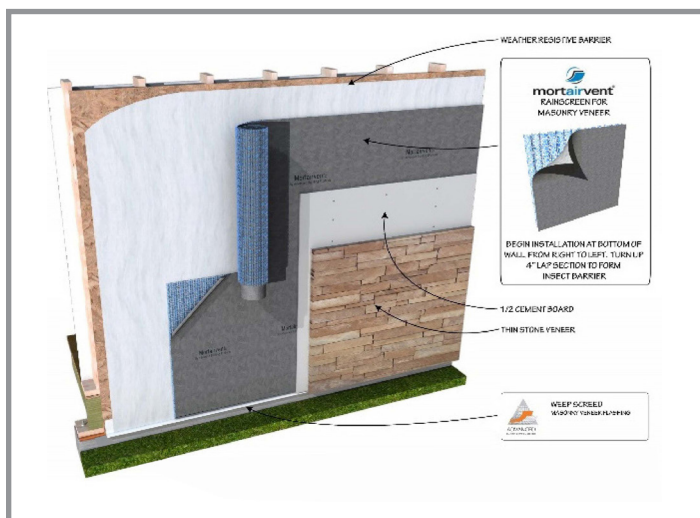
Manufactured Stone & Fiber Cement



Wood Cladding



Stucco Cladding



Panel Cladding System

Mortairvent® Packaging

Mortairvent 201 (3mm) - 39" X 61.5' (200 sq. ft.) roll, 24 rolls per pallet
 Mortairvent 202 (6mm) - 39" X 61.5' (200 sq. ft.) roll, 18 rolls per pallet
 Mortairvent 203 (10mm) - 39" X 40' (130 sq. ft.) roll, 18 rolls per pallet

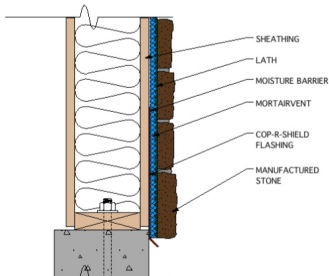
Weep Screed

Our pre-formed PVC weep screed flashing is used with masonry veneer or wood siding to facilitate moisture drainage. Located at the framed wall and foundation joint, the weep screed provides an egress for water that has penetrated the exterior finish, weeping from the walls by gravity to the screed. Available in white or gray with pre-punched holes for easy installation.

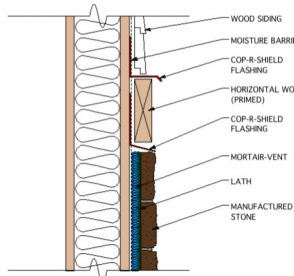
Packaging: 5' 50 pieces (250LF) per box 20 boxes per pallet



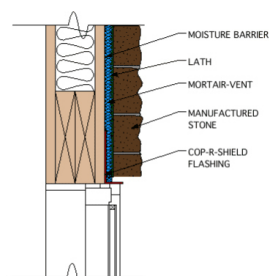
Installation Details - Photos



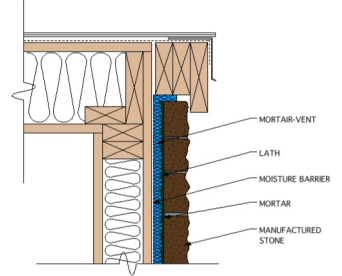
SHEATHING AND WOOD STUD
FOUNDATION WALL
3" = 1'-0"



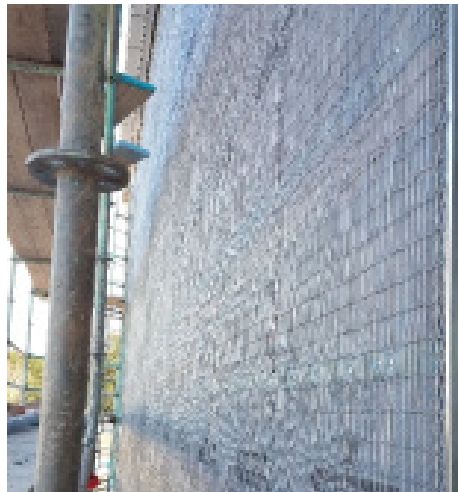
SHEATHING WOOD STUDS
HORIZONTAL BASE FLASHING
3" = 1'-0"



WINDOW HEAD
3" = 1'-0"



TOP OF FRAMED WALL
AT ROOF
3" = 1'-0"





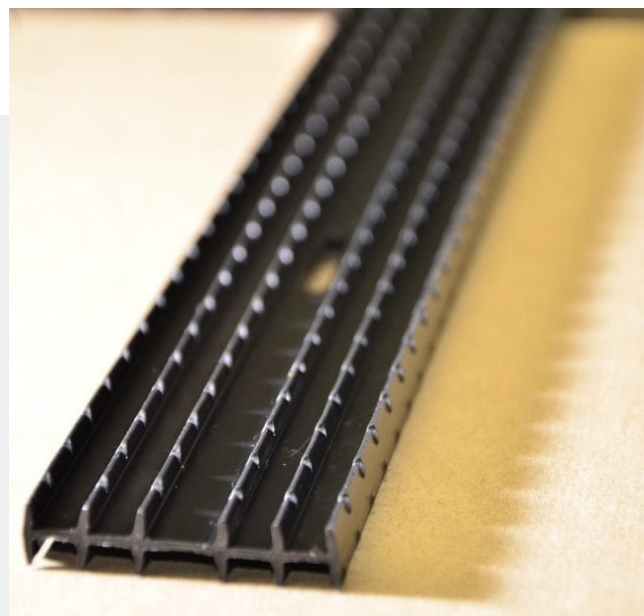
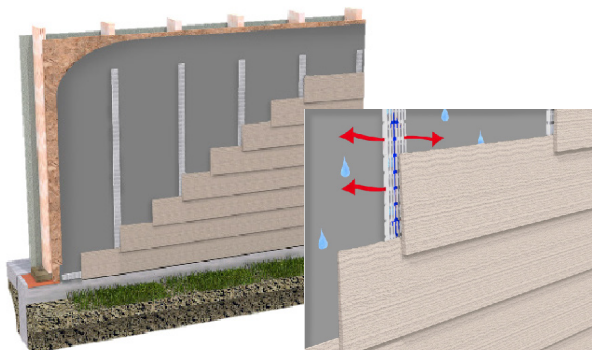
When building with clapboard siding, a wooden batten or furring strip is often used to create a capillary break. The concept is solid; however, there are issues with the design and material used in wood furring strips.

- Wood is an absorptive material, which can lead to rotting and provide a food source for mold.
- The surface area of the wood furring strips cover a significant surface area of the wall, which creates opportunities for trapped moisture.
- The surface area contact between the furring strip and backside of the cladding can allow ghosting on the outside of the cladding. Wood furring strips allow minimal cross ventilation.

The Watairvent® Furring Strip Advantage

Advanced Building Products has taken the traditional furring strip and redesigned it to function in today's building environment. The benefits include...

- Manufactured from a mold resistant non-absorptive composite material.
- Manufactured with dual vertical and horizontal channels on the front and backside of the furring strip. This allows for the dual drainage and cross ventilation. The dual channel design reduces surface area contact by 86% when compared to traditional wooden furring strips.
- Meets the National Building Code of Canada capillary break requirements for high moisture index.
- Meets or exceeds applicable U.S. Building Codes.
- Manufactured with fastening slots to allow the differential movement during installation.
- Black in color with UV inhibitors used for open cladding applications.
- Will not become brittle and crack during cold weather installations.
- Light-weight and easy to install.
- Helps increase the longevity of wall sheathing and framing by allowing moisture to Drain, Not Remain™.
- Can also be used as a starter strip.
- Tested to ASTM E2925.



Core Design of Watairvent® Furring Strips

- Solid core for structural stability.
- Vertical channels for proper drainage and ventilation from the backside of the cladding to the front side of the sheathing.
- Horizontal channels allow for cross ventilation.

Suggested Installations:

- Clapboard Siding
- Composite Siding
- Cedar Shakes

Packaging:

.375" x 1.75" x 8' 50 pieces per box 400 lineal feet

WATAIRVENT® FURRING STRIP

Watairvent® Furring Strip Installation Instructions:

Installation over 1/2" OSB or plywood for clapboard siding

- Install your weather resistant barrier (WRB) of choice over the surface area of the sheathing. Be sure to tape all seams.
- Place Watairvent® Furring Strip horizontally at the base of the wall around the entire perimeter (Diagram A) to prevent bugs from entering the channel.
- Place the Watairvent® Furring Strips vertically every sixteen inches on center aligned with the wood studs (Diagram A). Fasten the Furring Strip with either a 1.75" nail or other approved fastener. It is important to penetrate the studs by at least a 1.25" per R703.15.2 of 2018 International Residential Code. Can be installed horizontally as well.

Installation over 1" insulation intended for clapboard siding

- Place the WRB of choice between the sheathing and rigid foam insulation. A drainable WRB is preferred.
- Place Watairvent® Furring Strips horizontally at the base of the wall around the entire perimeter to prevent bugs from entering the channel (Diagram A).
- Place the Watairvent® Furring Strips vertically every sixteen inches on center aligned with the wood studs. Be sure your fastener length accounts for the entire depth of the assembly. Follow siding manufacturer's installation instructions. Can be installed horizontally as well.

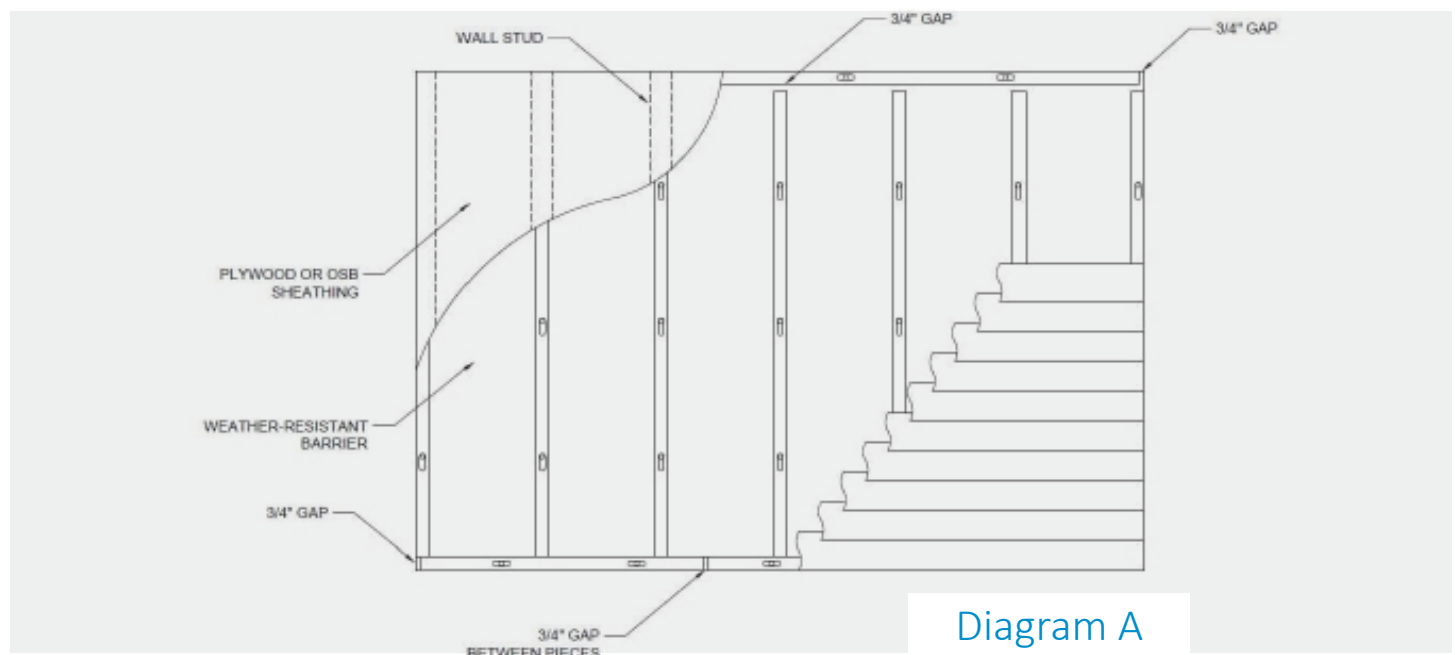


Diagram A

Installation at top of the wall

- Watairvent® Furring Strip can be installed horizontally at the top of the wall, similar to the base of the wall, whereas the furring strip will act as the bug screen and the airflow channels will remain free of debris.
- Leave a .75" gap between vertical and horizontal furring strips to allow for differential movement (Diagram A).

Siding Installation

- Install all wood clapboards and cedar shakes per siding manufacturer's recommendations.

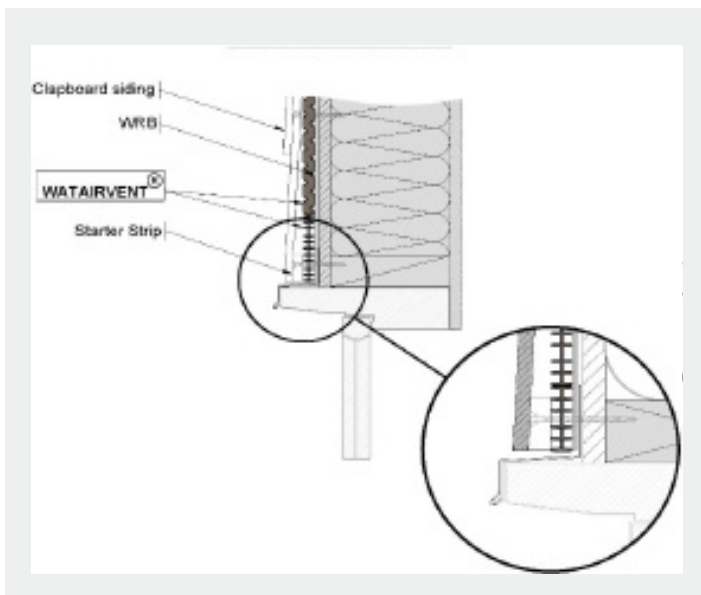
Cutting Instructions

- Use a plywood blade installed backwards (often used for cutting vinyl siding) or cutting shears for best results.

WATAIRVENT® FURRING STRIP

Installation at Windows and Trim

- Flash window per manufacturer's recommendations.
- Additional Watairvent® Furring Strips should be installed behind vertical window trim and corner trim.
- Watairvent® Furring Strips should be installed directly up against the windows nailing flange (Diagram B).
- Leave necessary gaps for differential movement (Diagram B).
- Trim windows and doors per manufacturer's recommendations.



Watairvent® Starter Strip Configurations

- 3/8" Thickness
- 8' Length
- 1.125" Width

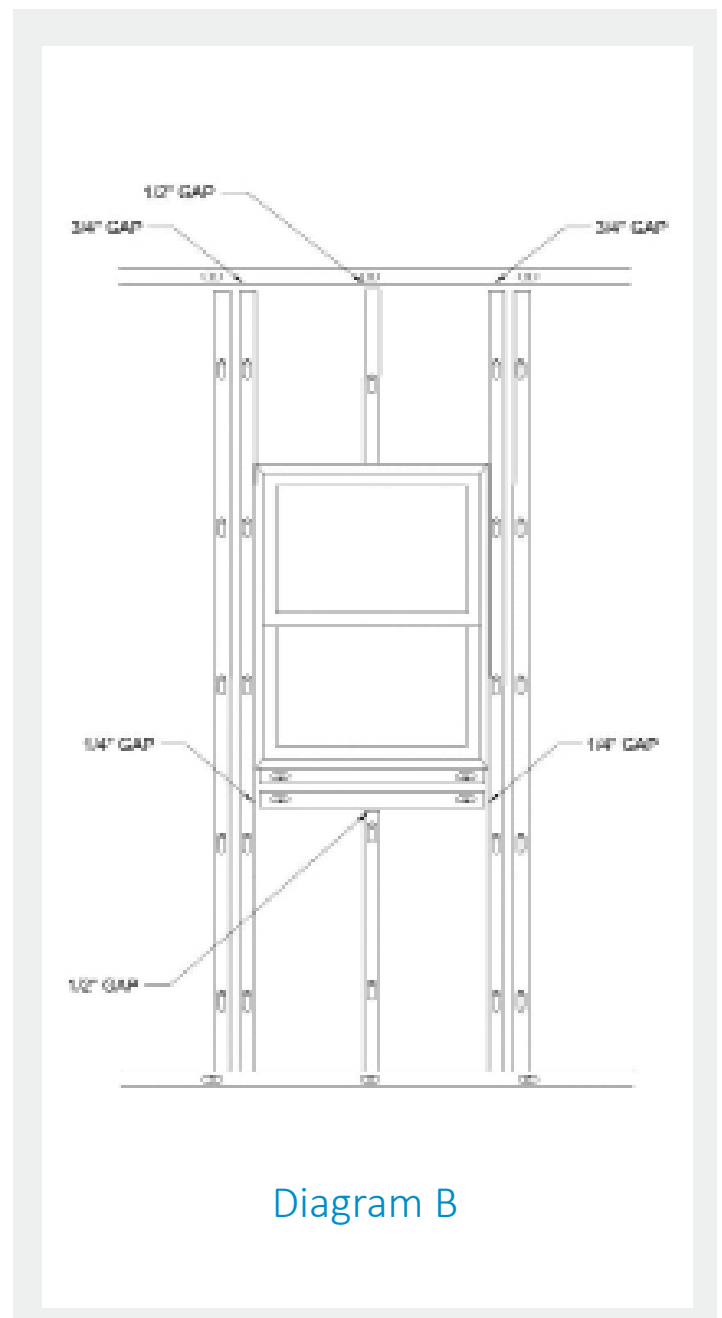
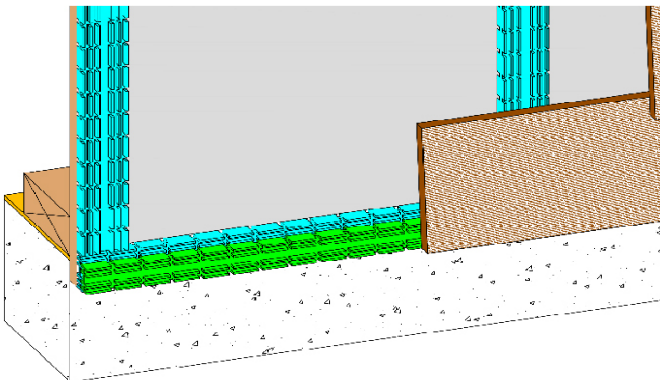
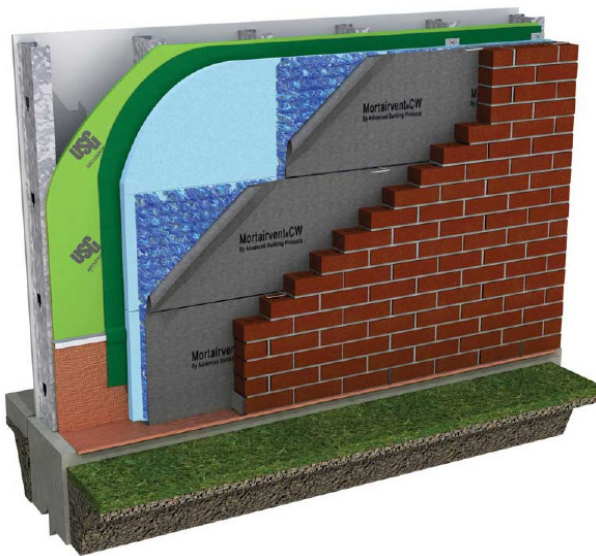


Diagram B



The Mortairvent® CW Mortar Deflection & Ventilation System is a full height cavity wall product that combines the benefits of rainscreen technology through the use of integrated mortar deflection, drainage, and ventilation design. The result is an easy to install system that improves the overall performance of the interior wythe while also providing drainage and ventilation for the entire cavity wall.

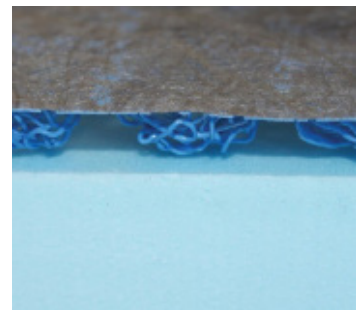
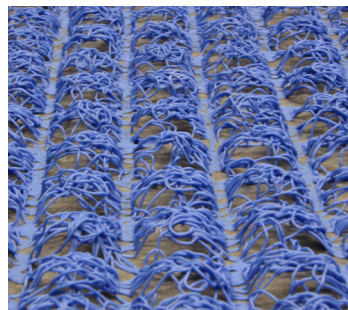
Mortairvent® CW is available with a mortar deflection fabric. The bonded mortar deflection fabric provides an additional layer of prevention against mortar blockage of the cavity wall drainage plane and provides a dedicated airspace for ventilation and convective drying.



Mortairvent® CW 205 / 206 / 207 for Masonry Cavity Walls
Securock® Glass-Mat Sheathing is a registered trademark of USG

Benefits

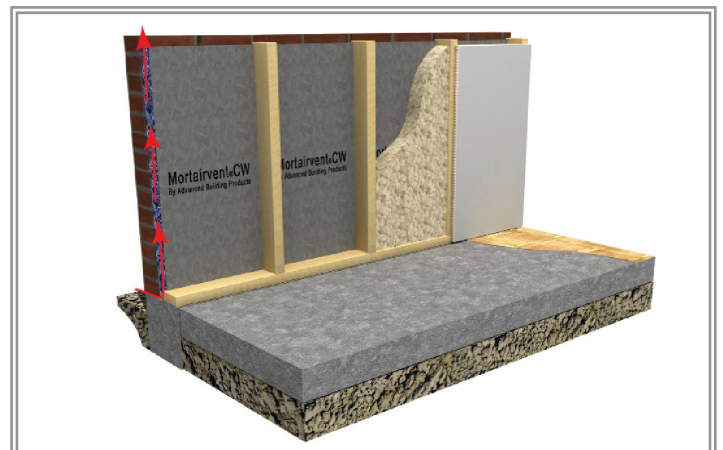
- Improves the overall performance of the entire cavity wall assembly.
- Maintains a continuous airspace between the outer masonry wall and weather resistant barrier to facilitate moisture drainage and drying.
- Optional mortar deflection fabric layer provides a dedicated airspace for ventilation and convective drying.
- 16" wide material is lightweight and easy to install between brick ties. Provides simple one-step installation as brickwork is completed.
- 39" wide for quick installation.
- Class A Fire Rated.



Packaging:

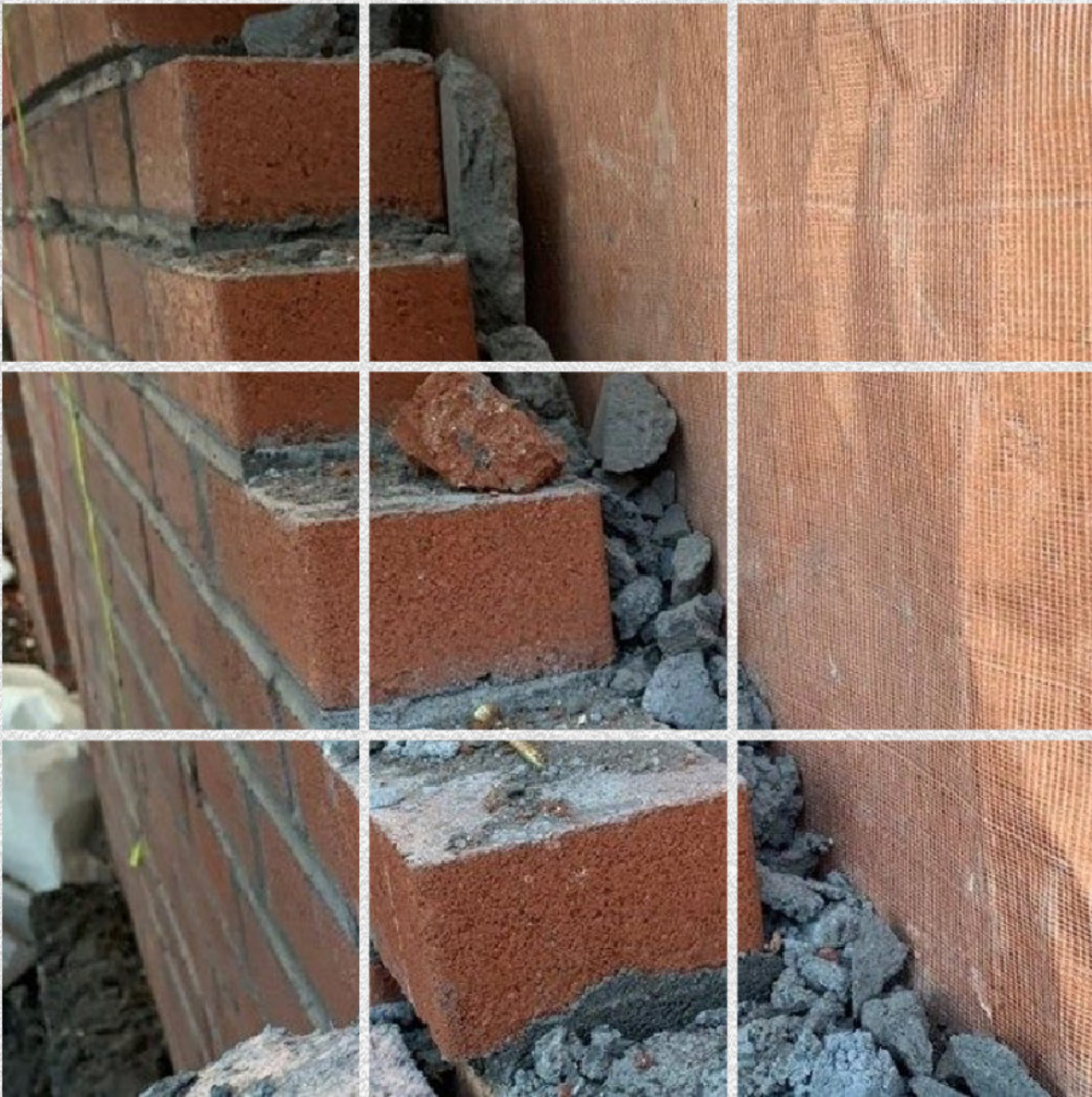
Mortairvent® CW 205 (0.4"), 206 (0.8") & 207 (1.6")

.40" x 16" x 40'	45 rolls per pallet
.40" x 39" x 40'	18 rolls per pallet
.80" x 16" x 50'	20 rolls per pallet
.80" x 39" x 50'	8 rolls per pallet
1.60" x 16" x 25'	20 rolls per pallet
1.60" x 39" x 25'	8 rolls per pallet



2

MORTAR DEFLECTION





Mortar Break® DT is our widely specified multi-level mortar deflection system for cavity wall construction that breaks up mortar on multiple levels. Our design gives specifiers and contractors more options from one manufacturing source.

Applications

For use at all cavity wall flashing locations. 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 Break® DT 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 multi-level design allows mortar droppings to break up on multiple levels allowing for proper drainage to the exterior of the wall system.
- Will not rot or react with common building materials.
- Requires no adhesives, fasteners, or special skills to install.
- Meets NFPA 285 criteria.
- 25 year warranty.

Packaging:

Mortar Break® DT .4"

10" x 5' 250 LF per box
24 boxes per pallet

Mortar Break® DT 1"

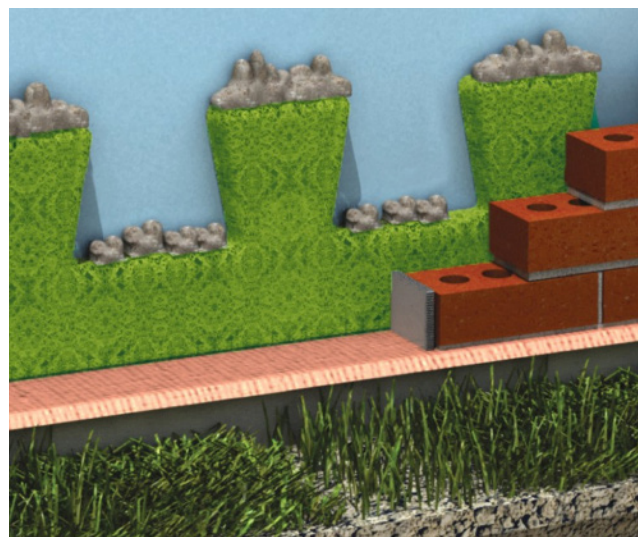
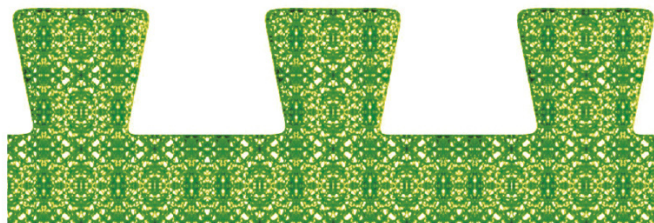
10" x 5' 100 LF per box
24 boxes per pallet

Mortar Break® DT 2"

10" x 5' 100 LF per box
24 boxes per pallet



Securock® Glass-Mat Sheathing is a registered trademark of USG





Mortar Break® and Mortar Break®II mortar deflection mats work in conjunction with our masonry flashing and weep vents as a complete and effective moisture management system. Both products suspend excess mortar droppings above the weep holes and allow any moisture trapped within the cavity to seep down the flashing and out of the wall. The system also helps to maintain an airspace for ventilation and drying of the wall cavity.

Mortar Break®

Mortar Break® is designed to prevent mortar droppings from blocking drainage channels for 1" (25mm) masonry cavity wall applications. Mortar Break® is available in 10", 13", 16", and 39" standard widths by 50 ft. roll (20" wide rolls available per request).

Mortar Break®II

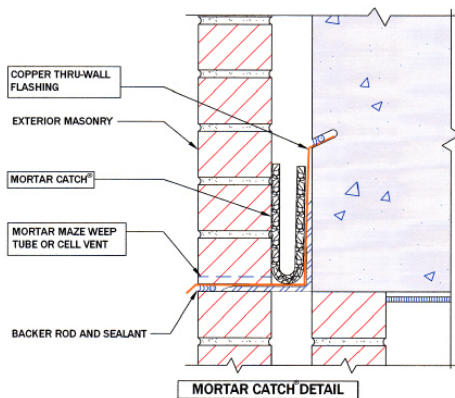
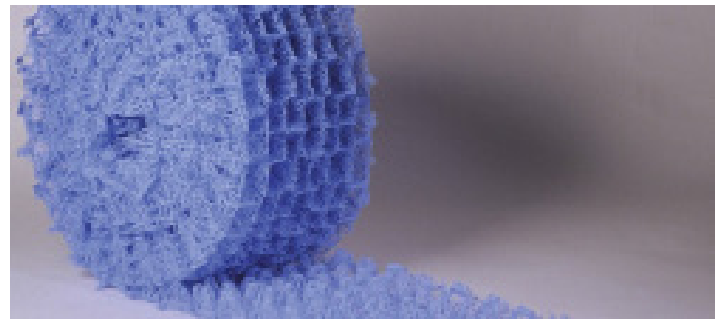
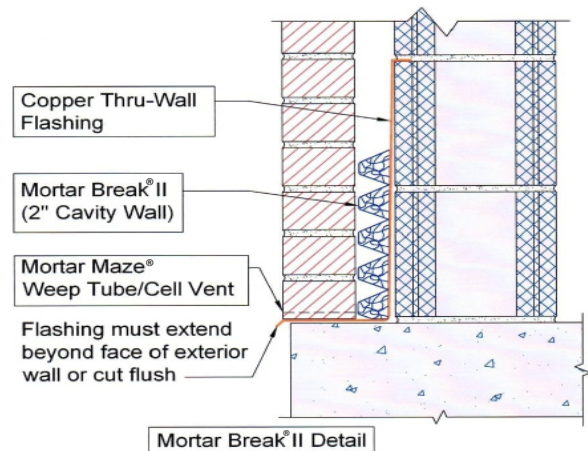
Mortar Break®II is designed to prevent mortar droppings from blocking drainage channels for 2" (50mm) masonry cavity wall applications. Mortar Break®II is available in 10" width / 35 ft. roll.

Applications

For all cavity wall flashing locations including the base of the wall, above windows and doors, steel lintels, spandrels, and shelf angles, or at any other penetrations or obstructions.

Packaging:

Mortar Break®: .8" x 10" x 50' 4 rolls per box
32 rolls per pallet
Mortar Break®II: 1.6" x 10" x 35' 4 rolls per box
32 rolls per pallet



Packaging:

.4" x 10" x 100' 4 rolls per box 8 boxes per pallet
.4" x 20" x 100' 2 rolls per box 8 boxes per pallet
.4" x 39" x 100' 1 roll per box 8 boxes per pallet



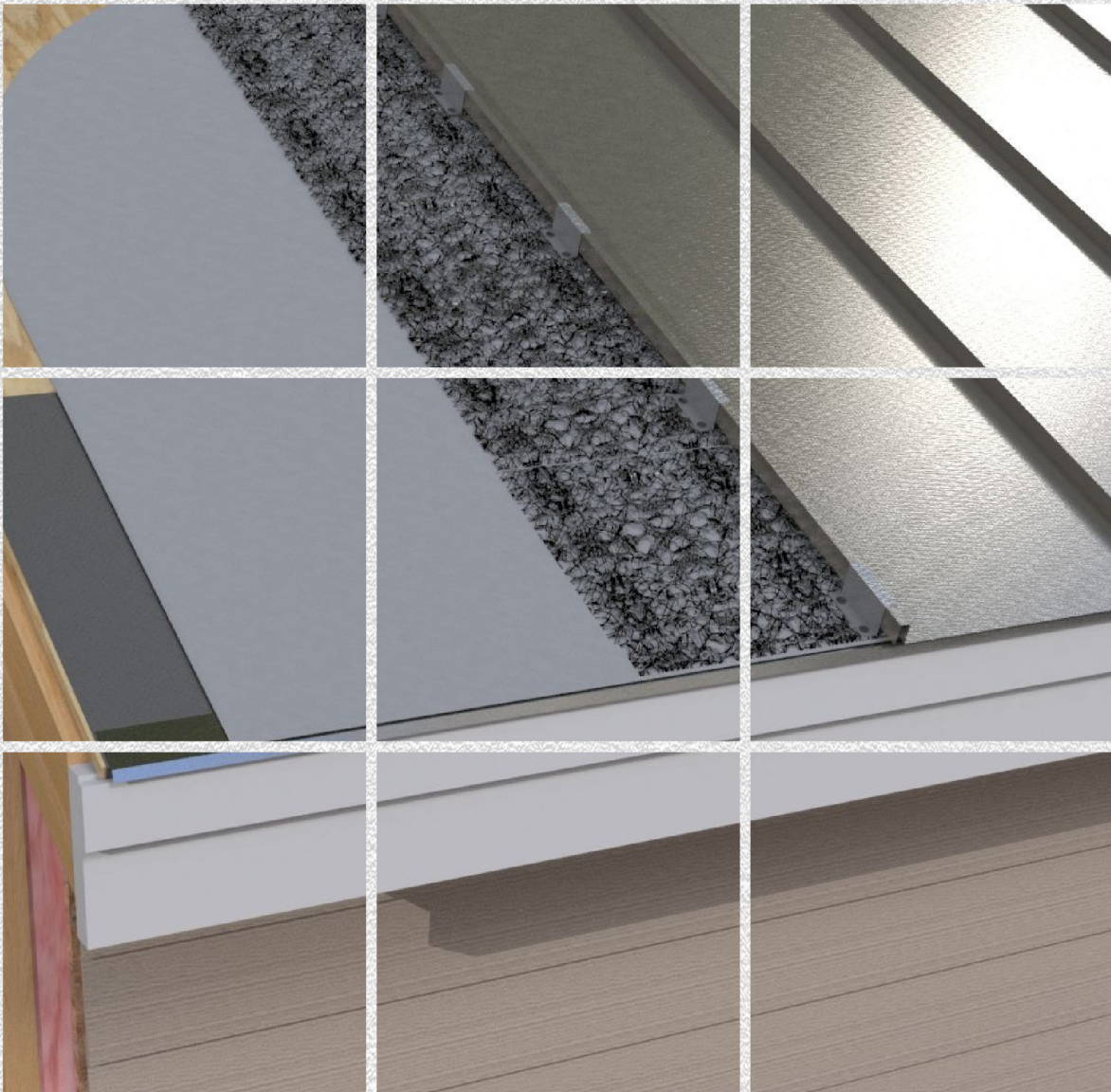
The Mortar Catch® mortar deflection mat works in conjunction with our masonry flashing and weep vents as a complete and effective moisture management system. Mortar Catch® is designed for use at all flashing locations where wide cavity (greater than 2 inches) construction is required. The open mesh geomatrix design, when shaped in a "U" configuration on the job site, fills the entire cavity to prevent mortar droppings from blocking and clogging base wall and head joint drainage channels. This allows moisture within the cavity to seep down the flashing and out of the wall.

Benefits

- Deflects mortar droppings allowing moisture to drain.
- Greater airflow and drainage compared to most plastic mesh based products.
- Lightweight & easy to install. No mechanical fastening.

3

ROOF DRAINAGE AND VENTILATION





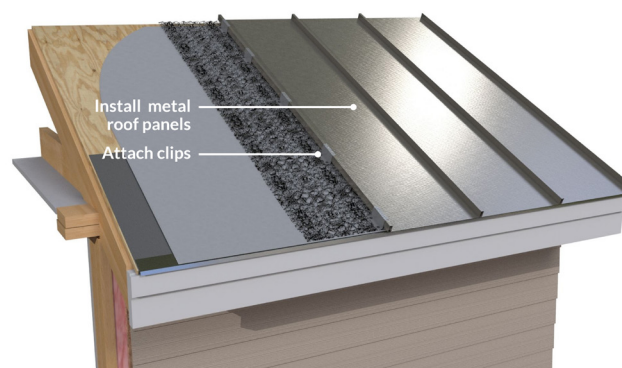
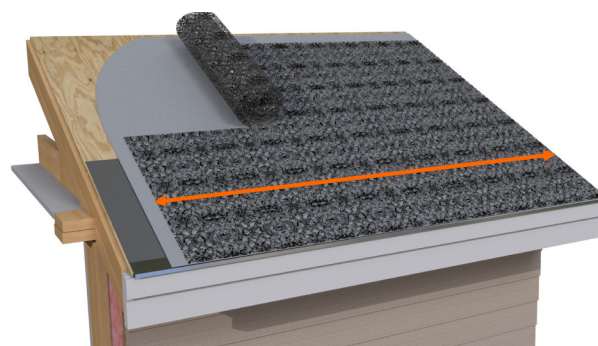
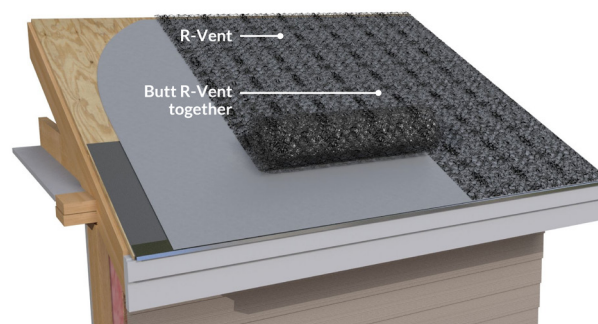
R-Vent® is a roof ventilation mat designed to create an airspace to promote multi-directional air flow between the roofing material and the sheathing below. Using a thin nylon matrix profile, R-Vent® prolongs the life of the roof structure and membrane by reducing the adverse effects associated with water damage including mold, mildew, or corrosion and deterioration of the roofing material itself. R-Vent® is extremely flexible and conforms to any contoured surface or roofing material. R-Vent® is perfect for residential and commercial applications.

Benefits

- Creates an open structure for heat reduction and ventilation.
- Reduces moisture's ability to remain trapped between the sheathing and underside of the metal roof panel.
- Prolongs the life of the roofing membrane & sheathing.
- Reduces sound transmission through the metal panels.
- Lightweight & easy for installers to handle.
- Bends and conforms to any type of contoured surface.
- Maintains a thermal break.
- UV exposure of 60 days.
- Manufactured from Nylon 6.
- 25 year warranty.

Installation Instructions

- Install plywood roof sheathing onto rafters. Install roofing felt or ice dam protection membrane over sheathing. Check local codes and manufacturer's recommendations for specific requirements.
- Install R-Vent® over roofing felt, ice protection membrane, and metal edge flashing or drip edge. Ensure R-Vent® material is installed flush against edge of the flashing or drip edge. Carefully trim the R-Vent® material at all penetrations with a utility knife or scissors.
- When installing metal panels, unroll R-Vent® horizontally just ahead of the shingles as they are installed. Tack or nail R-Vent® in place every three square feet. Do not overlap the R-Vent® material. Butt each course tightly against the previous course and at vertical seams.
- When installing vertical metal roofing panels, unroll R-Vent® vertically from the ridge to the eave just ahead of the metal panels as they are installed. Tack or nail R-Vent® in place every three square feet. Do not overlap the R-Vent® material. Butt each course tightly against the previous course and at vertical seams.
- At ridge locations, extend R-Vent® material over the ridge and butt against the material on the opposite side of the roof. If a ridge vent is utilized, follow the ridge vent manufacturer's recommendations.
- Apply roofing materials using manufacturer's recommended fasteners and instructions, allowing for the additional thickness of the R-Vent® material.



Packaging:

.361" x 39" x 61.5'

200 sq. ft.

18 rolls per pallet

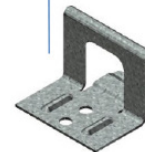
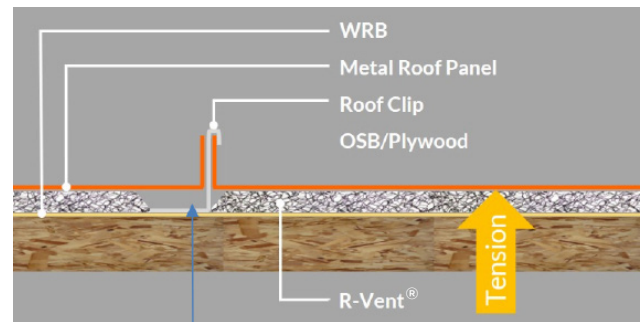
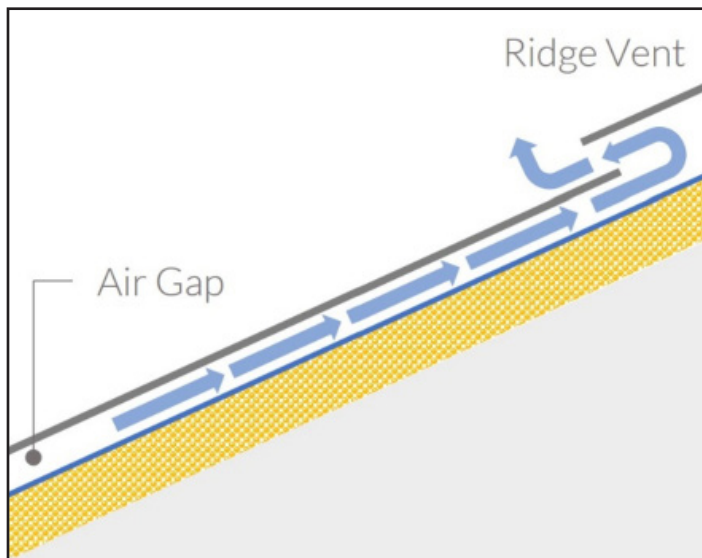
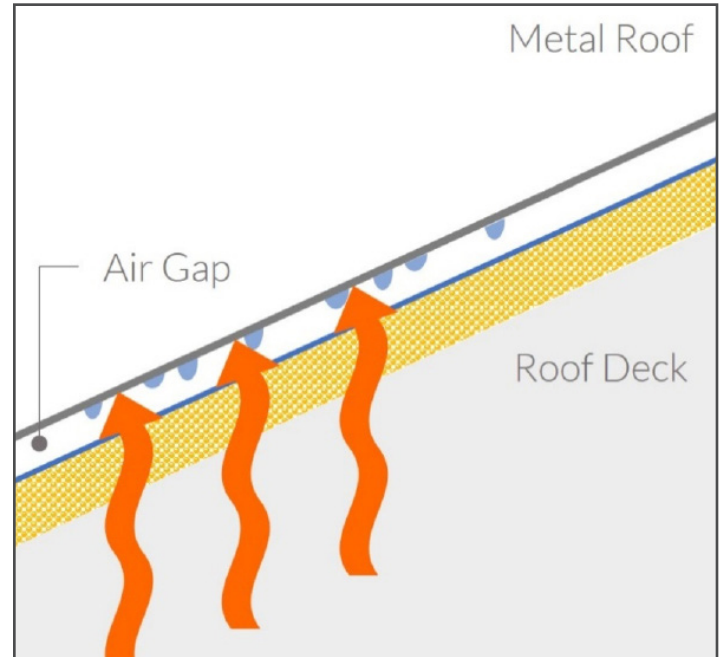
Why R-Vent®?

Condensation of Water Vapor

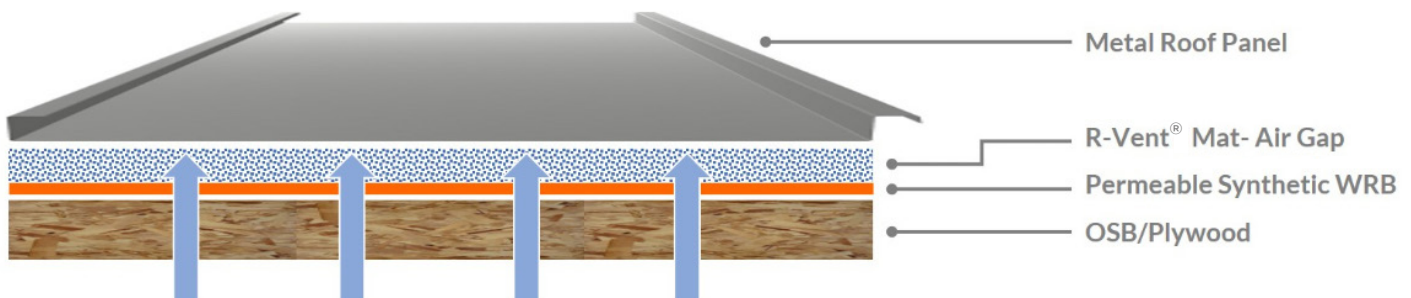
- Water vapor from a humid interior moves through attic & permeable roof materials.
- With a permeable weather barrier, vapor can pass but can condense under the cold metal roof.
- Moisture needs a way to drain & dry out.
- A 3D drain & ventilation mat between the metal & WRB drains & dries the condensation.
- R-Vent® creates the capillary break needed for the moisture to Drain, Not Remain™ trapped on the underside of the metal panels.

Drying of Condensation

- Air movement through R-Vent® dries any remaining moisture.



- R-Vent® under roof panels completely supports the metal.
- Provides a slight bow & tension to minimize the oil canning appearance.
- Uniform “pillowing” of panel.
- Done by using clips 1/8 inch shorter than mat thickness i.e. 1/4 inch clip over 3/8 inch mat.





CedAir-Mat® is a roof ventilation mat designed to create an airspace to promote multi-directional air flow between wood roofing material and the sheathing below. Using a thin nylon matrix profile, CedAir-Mat® prolongs the life of the roof structure and membrane by reducing the adverse effects associated with water damage including mold, mildew, or corrosion and deterioration of the roofing material itself. CedAir-Mat® is extremely flexible and conforms to any contoured surface or roofing material (cedar and tile) and is perfect for residential and commercial applications.

Benefits

- Creates an open structure for ventilation.
- Prolongs the life of roofing membrane & sheathing.
- Reduces sound transmission.
- Lightweight & easy for installers to handle.
- Bends and conforms to any type of contoured surface.
- Maintains a thermal break.
- UV exposure of 60 days.
- 75% greater air flow compared to alternative products.

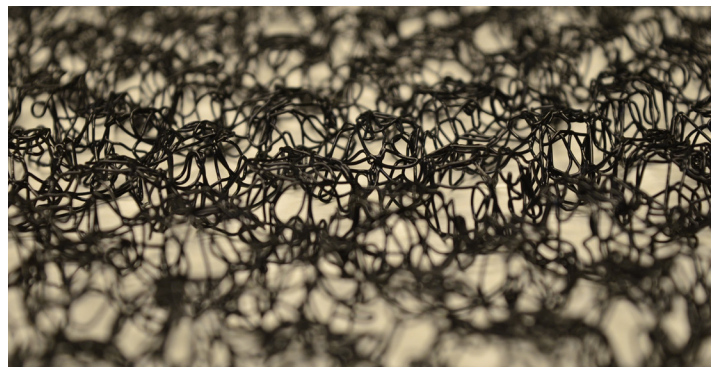


Installation Instructions

- Install plywood roof sheathing onto rafters. Install roofing felt or ice dam protection membrane over sheathing. Check local codes and manufacturer's recommendations for specific requirements.
- Install CedAir-Mat® over roofing felt, ice protection membrane, and metal edge flashing or drip edge. Ensure CedAir-Mat® material is installed flush against edge of the flashing or drip edge. Carefully trim the CedAir-Mat® material at all penetrations with a utility knife or scissors.
- When installing cedar shingles or shakes, unroll CedAir-Mat® horizontally just ahead of the shingles as they are installed. Tack or nail CedAir-Mat® in place every three square feet. Do not overlap the CedAir-Mat® material. Butt each course tightly against the previous course and at vertical seams.
- At ridge locations, extend CedAir-Mat® material over the ridge and butt against the material on the opposite side of the roof. If a ridge vent is utilized, follow the ridge vent manufacturer's recommendations for underlayment material installation.
- Apply roofing materials using manufacturer's recommended fasteners and instructions, allowing for the additional 3/8" thickness of the CedAir-Mat® material.

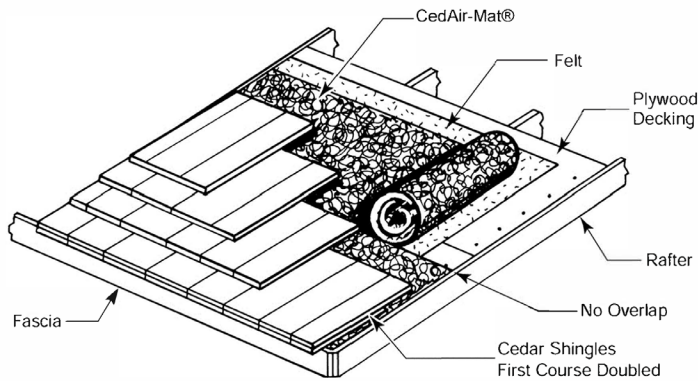
Packaging:

.407" x 39" x 61.5'
200 sq. ft.
12 rolls per pallet

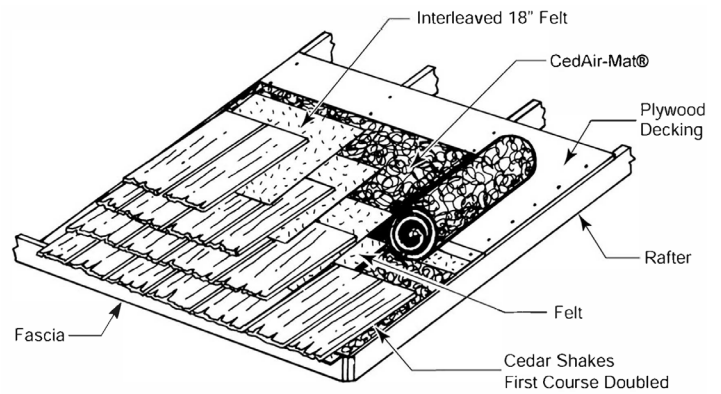


Roof Drainage & Ventilation

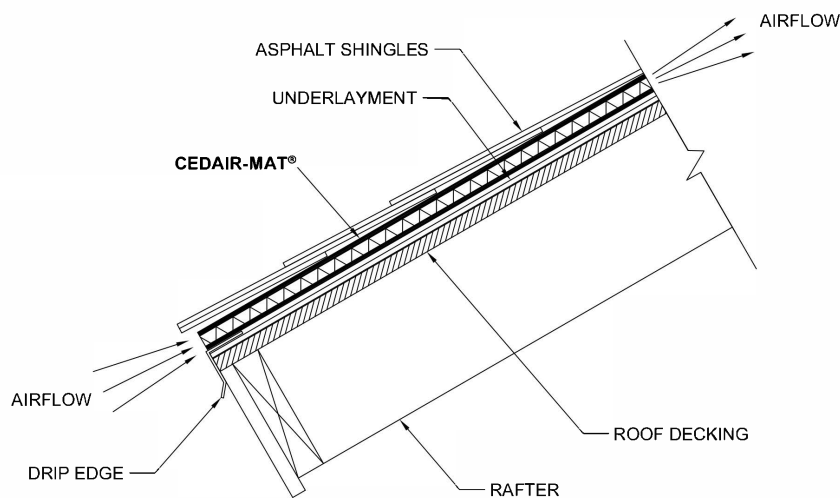
Installation Under Cedar Shingles



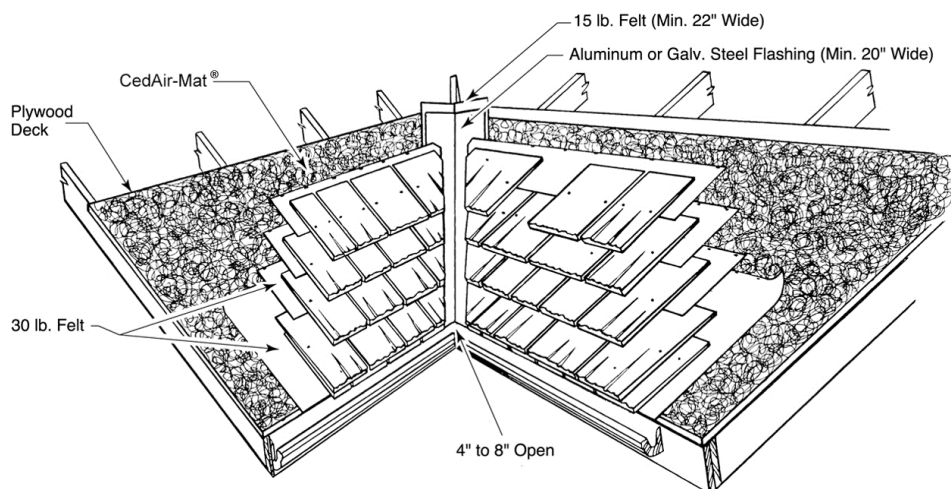
Installation Under Cedar Shakes



Drip Edge Shingles & Shakes

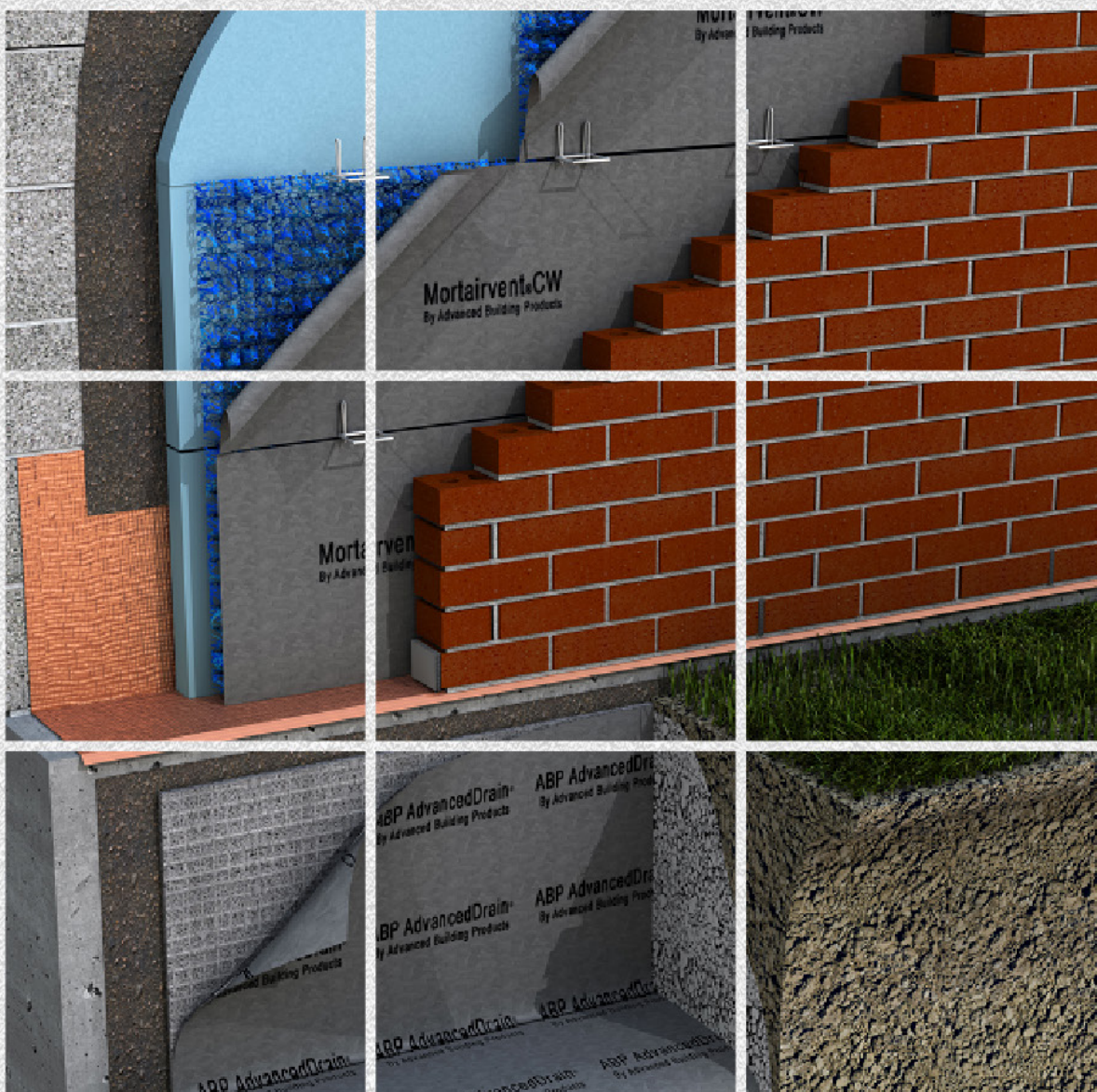


Valley Flashing



4

BELOW GRADE HORIZONTAL DRAINAGE





ADVANCEDRAIN®

Horizontal Drainage Mat



AdvancedDrain® is our multi-purpose polymer matrix that serves as a high-quality drainage and ventilation mat in a number of applications. Available in 1/8", 1/4", 3/8" and 1/2" thicknesses, these drainage composite mats are produced from an extruded polymer matrix into parallel channels and are backed with a non-woven filter fabric that is heat bonded to one or two sides of the entangled monofilaments depending on the application. This prevents soil from entering the matrix of the system. AdvancedDrain® is designed to eliminate hydrostatic pressure and allow ample air and moisture flow in all directions, reducing any potentially damaging moisture buildup.

Applications

- Residential and commercial foundation walls
- Retaining walls
- Planters
- Plaza decks, walls, and balconies
- Green roofs

Features & Benefits

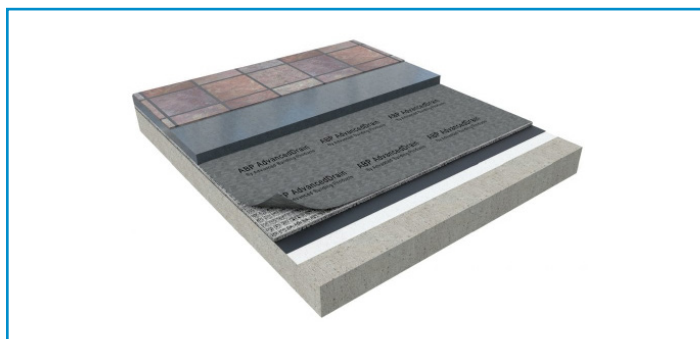
- Filtration and drainage in one package.
- Lightweight, easy to handle and install in either vertical or horizontal directions with either construction adhesive or termination bar.
- Sufficient fabric overlap for sealing adjacent panels with construction adhesive to prevent soil intrusion at the joints.
- Polymer core resistant to most known solvents and chemicals including acids and bases.
- Convenient working width and roll length.

Installation Instructions

- Install composite drainage mats in accordance with manufacturer's instructions at locations indicated on the drawings. Install composite drainage mats: 1) To allow flow of water in all directions within drainage core. 2) To prevent soil from entering drainage core while providing ample flow of water.
- Secure composite drainage mats to surfaces with termination bars in accordance with manufacturer's instructions.
- Butt composite drainage mats together without overlapping.
- Overlap the fabric flap for sealing adjacent composite drainage mats to prevent soil intrusion at joints.
- Protect installed composite drainage mats from damage during construction. Be sure to run the AdvancedDrain® over the positive drain pipe.

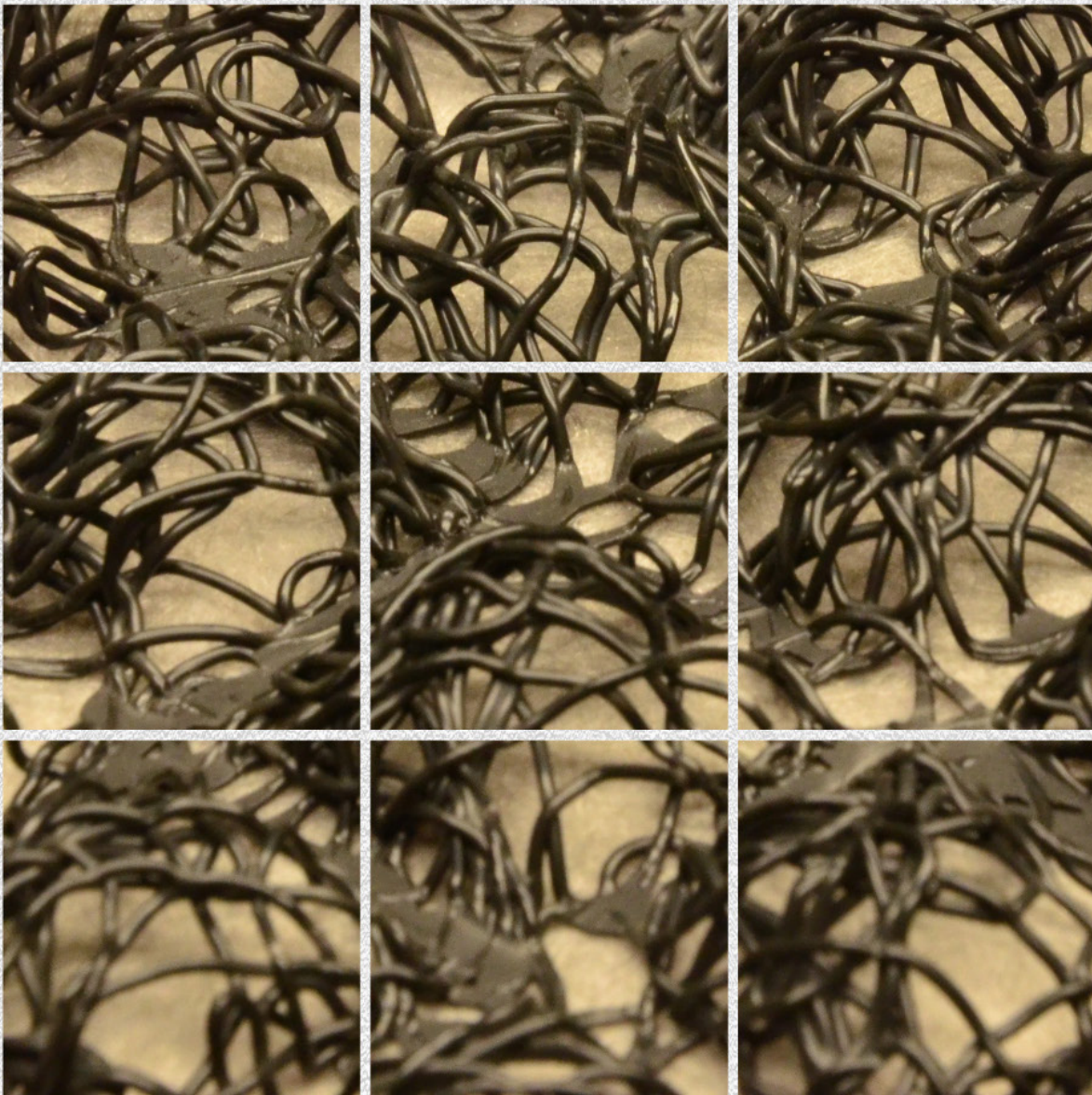
Packaging:

.125" x 39.5" x 150'	1 roll	10 rolls per pallet
.250" x 39.5" x 135'	1 roll	8 rolls per pallet
.400" x 39.5" x 100'	1 roll	8 rolls per pallet
.500" x 39.5" x 75'	1 roll	8 rolls per pallet



5

RADON ABATEMENT MATS

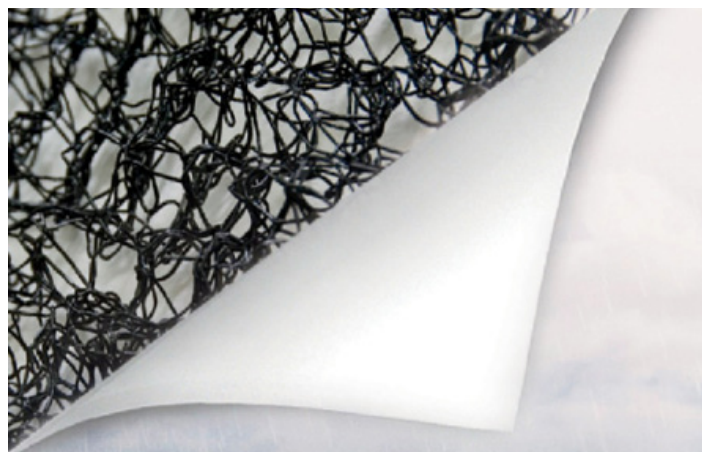




RAM Vent™ is a lightweight entangled geomatrix manufactured for use in an active radon mitigation system. RAM Vent™ is manufactured with a heat bonded filter fabric on one or two sides allowing air to flow freely based on our 95% open entangled design.

Benefits

- RAM Vent™ has a high compressive strength.
- Made from polypropylene, the filaments resist most chemicals and solvents.
- Material is .8" thick and 20" wide by 50'.
- Our high air flow system reduces the level of radon by up to 97% when used with proper piping and exhaust fan system.
- The 95% open air space gives a much higher air flow rating when compared to aggregate.

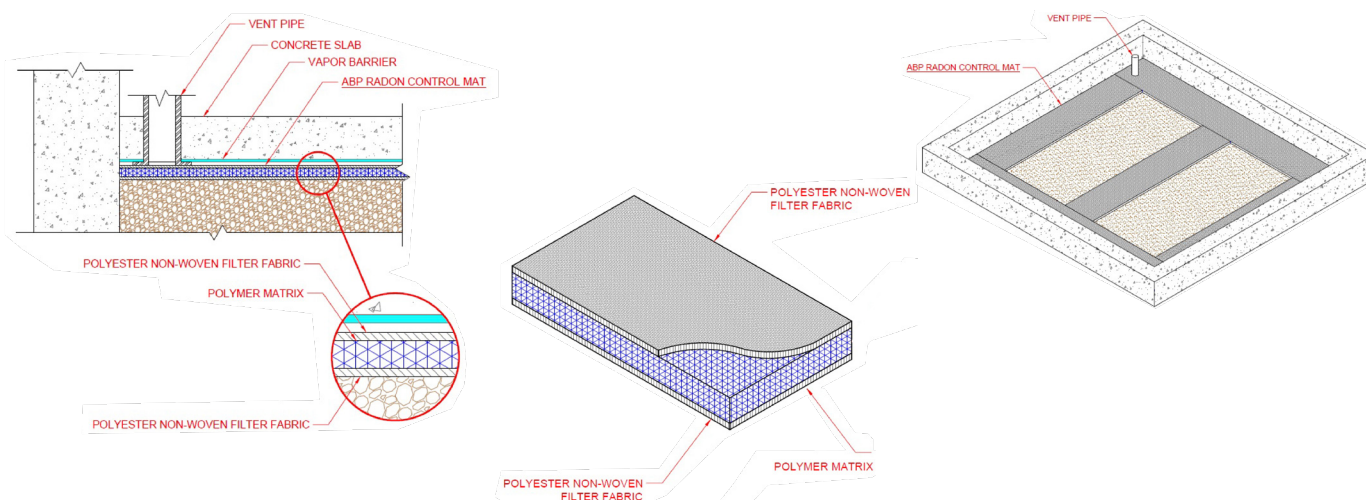


Packaging

.80" x 20" x 50' 16 rolls per pallet
(other sizes available upon request)

Installation Instructions

- Unroll RAM Vent™ along the perimeter of the footings on top of the soil.
- Lay a cross piece of RAM Vent™ through the center parallel to the longest wall every 15 to 20 feet. Then, overlay the subfloor with a vapor barrier extending up the wall.
- Cut a 3" (8cm) hole in the vapor barrier near the most appropriate corner. Next, glue a 4" (10cm) flanged riser pipe with a detachable cap to the vapor barrier and sit it on top of RAM Vent™ (The pipe stub should be long enough to extend above the top to where the slab is poured). Then, pour the slab. Finally, extend the vent pipe through the roof.
- Additional Instructions — Make sure to seal any cracks/seams etc. on top of the concrete with a sealant, such as silicone.



6

GREEN ROOF DRAINAGE AND VENTILATION





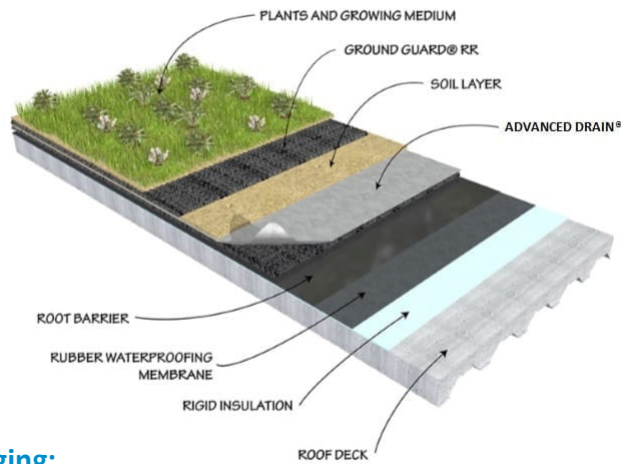
The Ground Guard® Root Reinforcement Mat provides an effective and eco-friendly choice for securing plant roots in all types of erosion prone areas. The tough black nylon mesh has an open structure which makes a perfect environment for dirt and plants to embed and entangle, permanently securing plant roots in place. Once the root system is established, you have a permanent solution for anchoring vegetation. The Ground Guard® Root Reinforcement Mat is a natural choice for vegetated roof applications requiring soil and root stability.

Applications

- Channels & slopes
- Green roofs / roof gardens
- Sloped or irregular shaped roofs
- High wind environments
- Eco-habitats

Benefits

- Permanently secures plant roots.
- Enhances plant growth and survival.
- Lightweight and easy to handle rolls.
- Open structure is easy to soil fill.
- Dimensionally stable in warm or cold weather.



Packaging:

.40" x 39" x 100'

8 rolls per pallet



Ground Guard® VM is an eco-friendly growing mat designed for use with pre-vegetated systems requiring extra soil and root stability. The flexible, open structure makes a perfect environment for dirt and plant roots to embed and entangle while the filter fabric helps hold soil in place. Once the root system is established, you have a permanent solution for anchoring vegetation to facilitate transport and installation at the jobsite. Ground Guard® VM is available in .40" (10 mm) & .625" (16 mm) thicknesses.

Benefits

- Plants can be field grown off-site in matting.
- Permanently secures plant roots.
- Enhances plant growth and survival.
- Easy to install vertically or horizontally.
- Plants can be grown directly in matting.

Packaging:

.40" x 39" x 100' 325 sq. ft. 8 rolls per pallet
.625" x 39" x 100' 325 sq. ft. 8 rolls per pallet



7

FLASHINGS, MEMBRANES AND ACCESSORIES





Strip-N-Flash™ is a 40 mil. thick membrane consisting of a 32 mil. self-adhering rubberized asphalt laminated to an 8 mil. high density polyethylene film. A siliconized release liner prevents the product from sticking to itself in the roll. The factory-controlled quality assures uniform thickness on the job and the name Strip-N-Flash™ assures an excellent water barrier.

Advantages

- The inherent durability of the extra strength 8 mil. cross-laminated polyethylene film resists mechanical damage and ensures the integrity of the rubberized asphalt waterproofing membrane during subsequent wall construction.
- Strip-N-Flash™ provides a waterproof barrier at flashing areas to prevent wall assembly leaks.
- Strip-N-Flash™ is fully adhered to the substrate to prevent moisture migration behind the flashing.
- The unique rubberized nature of Strip-N-Flash™ seals around fasteners.
- UV exposure rated at 30 days.

NOTE:

We recommend using a termination bar, primer, and drip edge when installing any self-adhering flashing.



Packaging:

12" x 75'	3 rolls per box	90 rolls per pallet
16" x 75'	2 rolls per box	60 rolls per pallet
18" x 75'	2 rolls per box	60 rolls per pallet
24" x 75'	1 roll per box	30 rolls per pallet
36" x 75'	1 roll per box	30 rolls per pallet

Moistseal®

Moistseal® is a polyvinyl chloride sheet available in a 20 mil. thickness. Recommended for concealed applications only, Moistseal® is an excellent waterproofing membrane. It will show no cracking or flaking when bent through 180 degrees over a 1/32" mandrel and then bent at the same point over the same size mandrel in the opposite direction through 360 degrees.

The material conforms to ASTM Standard D-822. Strict quality control assures full weight and uniform thickness.



Packaging:

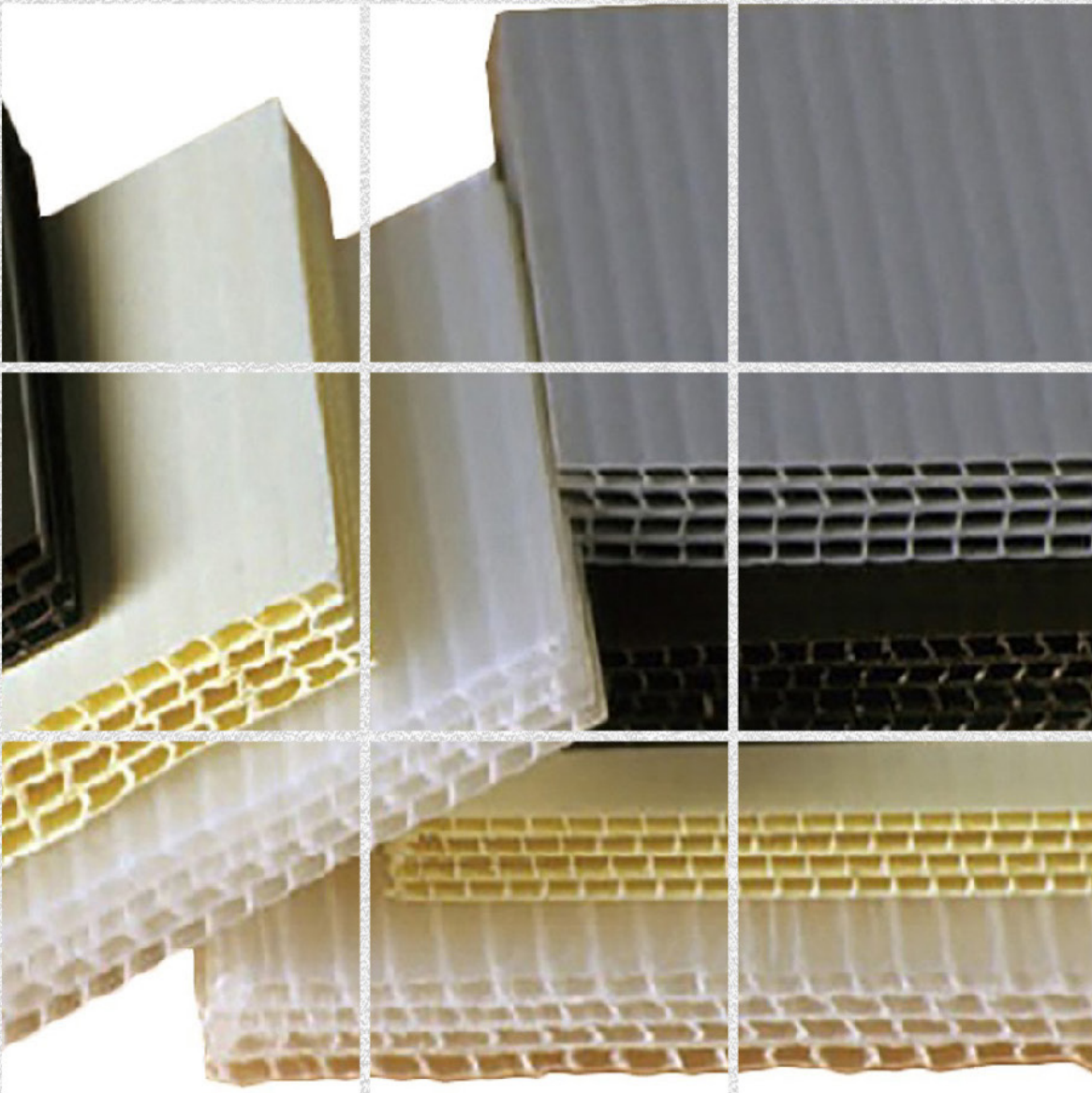
12" x 150'	60 rolls per pallet
16" x 150'	45 rolls per pallet
18" x 150'	45 rolls per pallet
20" x 150'	45 rolls per pallet
24" x 150'	30 rolls per pallet
32" x 150'	21 rolls per pallet
36" x 150'	21 rolls per pallet
48" x 150'	15 rolls per pallet

NOTE:

We do not recommend the use of Moistseal® as long-term thru-wall flashing.

8

MASONRY ACCESSORIES





GROUT CATCH®

Grout Reinforcing Mesh



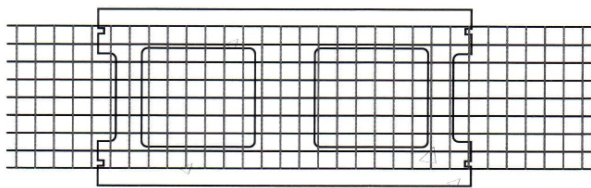
Grout Catch®

Grout Catch® is a strong, lightweight, and economical polypropylene mesh screen that prevents mortar overflow and seepage from designated CMU block cores. The mesh design inherently strengthens the bonding alliance in the mortar joint and allows for greater bonding of the masonry anchor in hollow core construction.

Packaging:

6" x 100'	32 rolls per box	For 8" CMU Block
8" x 100'	16 rolls per box	For 10" CMU Block
10" x 100'	16 rolls per box	For 12" CMU Block

All sizes come 24 boxes per pallet.



Benefits

- Deflects and suspends mortar droppings allowing moisture to drain from the wall assembly.
- Durable polypropylene mesh yields stronger bonding of mortar joints.
- High strength mesh screen controls mortar overflow, while minimizing mortar waste and cost.
- Non-corrosive polypropylene mesh with U.V. protective stabilizers prevent deterioration of mortar joints.
- Lightweight and easy to use. Saves labor and material costs.



Termination Bars

ABP offers two types of termination bars (stainless steel and plastic) designed for use with our masonry through-wall flashing products.

Stainless Steel Termination Bars

Stainless Steel Termination Bars are 1" wide x 8' long. Holes are 8" on center.

Plastic Termination Bars

Plastic Termination Bars are 1" wide x 8' long. With sealant lip and without pre-drilled holes.



Mortar Maze® Weep Vents

Mortar Maze® Weep Vents ensure positive drainage in all cavity wall construction, while also restricting insects and other debris from entering the head joint. Made from durable polypropylene, Mortar Maze® Weep Vents are available in a range of colors to match the surrounding mortar. Polypropylene tested in conformance with ASTM D2240, D790B, D638, and D1238B.

Packaging:

Standard:		
.375" x 2.5" x 3.375"	200 per box	80 boxes per pallet
Jumbo:		
.375" x 3.5" x 3.5"	200 per box	60 boxes per pallet

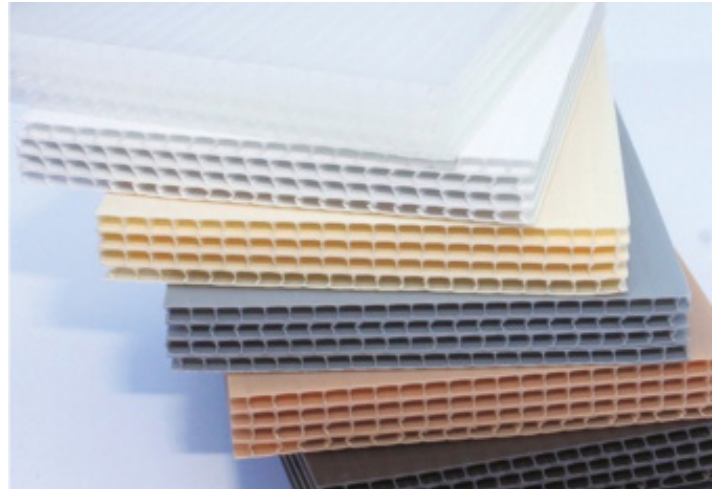
Mortar Maze® Weep Tubes

(with or without wick & screens)

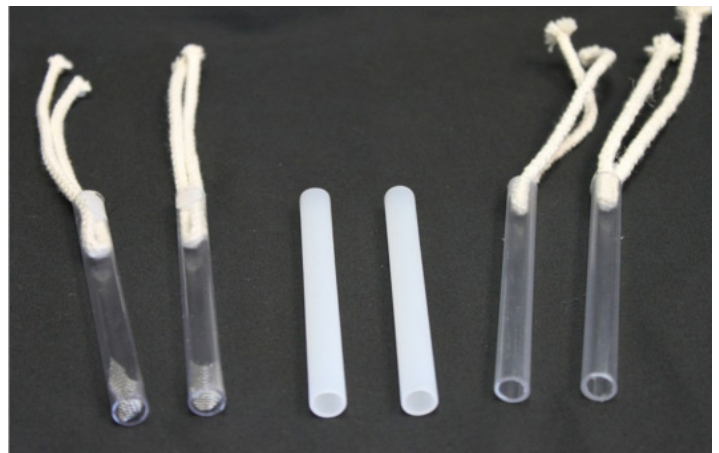
Mortar Maze® Weep Tubes are now available with or without cotton wicks, or with both cotton wicks and stainless steel screens. Mortar Maze® Weep Tubes are a cost effective drainage device made of durable clear plastic. Placed sixteen inches on center allows for proper moisture drainage.

Packaging:

.375" diam. x 4" w/o wicks	500 per box
.375" diam. x 4" w/ wicks	200 per box
.375" diam. x 4" w/ wicks & screens	200 per box
All Weep Tubes are 75 boxes per pallet	



Colors: Clear, White, Tan, Gray, Cocoa, Brown, Black



When using Sealite Sealant, we recommend the external temperature be 40°F or higher. Do not use when rain or freezing conditions are expected within 24 hours of application.

Sealite Sealant

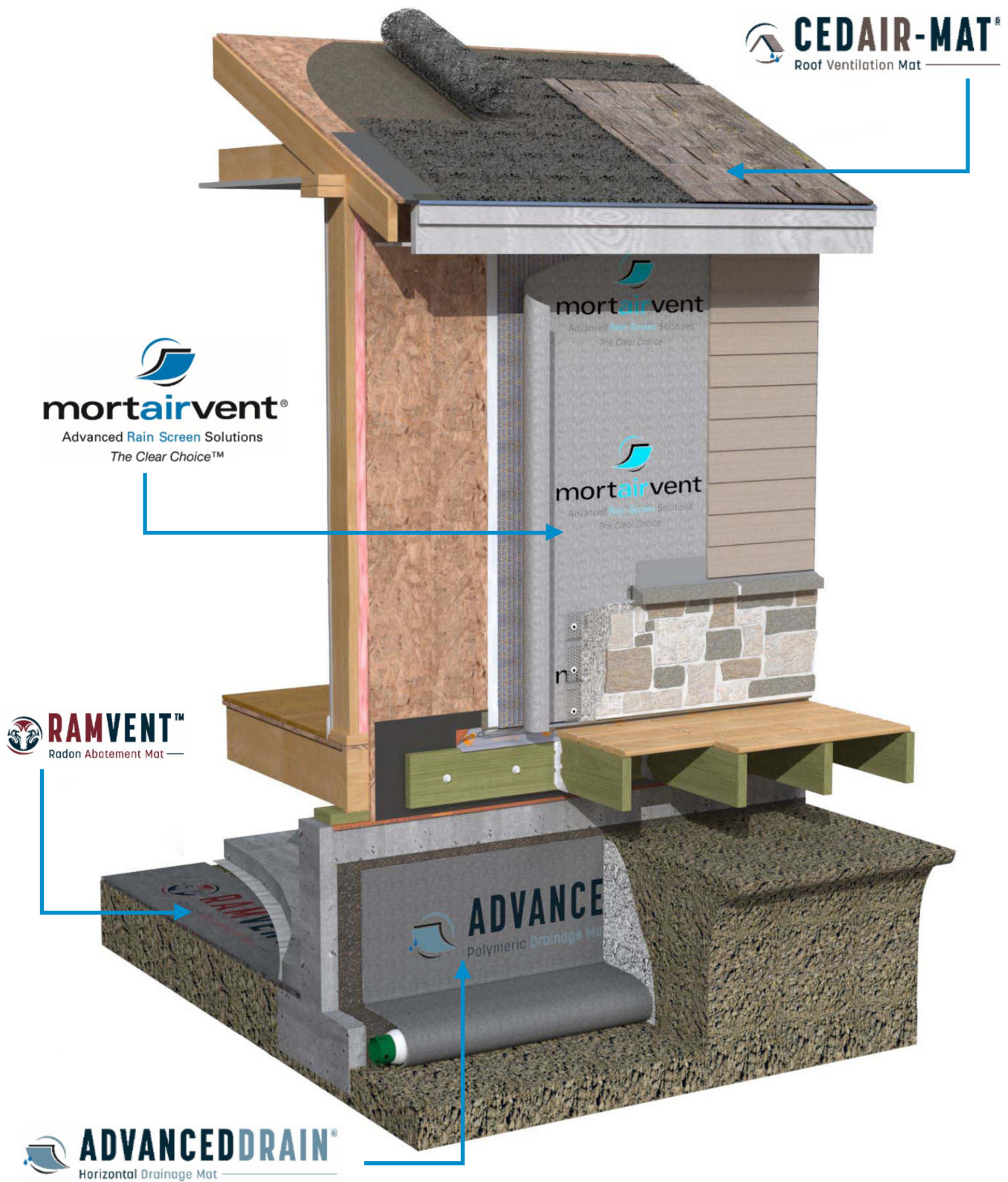
MasterSeal NP 1 is a one-component, high-performance, non-priming, gun-grade, elastomeric polyurethane sealant. It requires no mixing and typically requires no priming to bond to many materials, including concrete and masonry.

Substrates

- Concrete
- Masonry
- Aluminum
- Wood
- Clay & concrete roof tiles
- Stucco
- Natural stone

Packaging:

10.1 oz (300 ml) cartridges
30 cartridges per box
48 boxes per pallet



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ADVANCED

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