

MTI

**MASONRY
TECHNOLOGY
INCORPORATED**

**Rainscreens • Weep Systems
Weep Screeds • Dry Basements**

Building Envelope Moisture Management Solutions

1-800-879-3348
www.MTIdry.com

MASONRY
TECHNOLOGY
INCORPORATED MTI

Made in the USA



to be

Competitive Worldwide



MTI is a Service-Disabled
Veteran-Owned Small Business

MASONRY
TECHNOLOGY

MTIdry.com

info@mtidry.com 800-879-3348

March 2019

Partner With The Experts – Stay Dry

Modern Walls & Moisture Woes

Why weren't moisture failures a concern 50 years ago? We built differently. High performance building increases insulation, air sealing, and synthetic materials that result in more efficient & comfortable structures. However, this limits drying potential across the wall and now a modest amount of water infiltration can lead to disaster.

The solution? Predictable drainage & ventilation to get moisture out quickly. MTI has the products, details and expertise to make modern walls work.



Proven Performance

Independently verified testing proves that MTI products rapidly drain and dry walls. Learn more at MTIdry.com/performance



Protection for Your Walls

- ✓ Fiber Cement & Cedar Siding
- ✓ Adhered & Natural Stone
- ✓ Single Wythe Walls
- ✓ Basements
- ✓ Stucco
- ✓ Brick
- ✓ EIFS



With MTI

Because No Wall Is Waterproof

When you manage moisture, you manage risk. MTI is your partner in providing high quality products with a proven track record of keeping walls dry. More than exceptional products, when you partner with MTI you gain expert advice, responsive customer service, and educational resources designed to help you execute moisture management well on each project.

Smart AECs Choose MTI

"MTI is my preferred brand that I specify and use. They are more complete in their offerings and have a very good website with specifications and drawings that I use to train people in the importance of an applied drainage mat in the stone veneer assembly"

Mark Parlee, Building Consultant
The Building Consultant - Iowa

The MTI Difference

- ✓ 20 Year Warranty
- ✓ Superior Drainage & Ventilation
- ✓ Time-Saving Components
- ✓ Expert Advice
- ✓ Responsive Customer Service
- ✓ Recycled Content



Sure Cavity™ & Gravity Cavity™

SC 5016, SC 5032
GC 1816, GC 1832
SCMM 2516, SCMM 2532

Rainscreen Drainage Plane

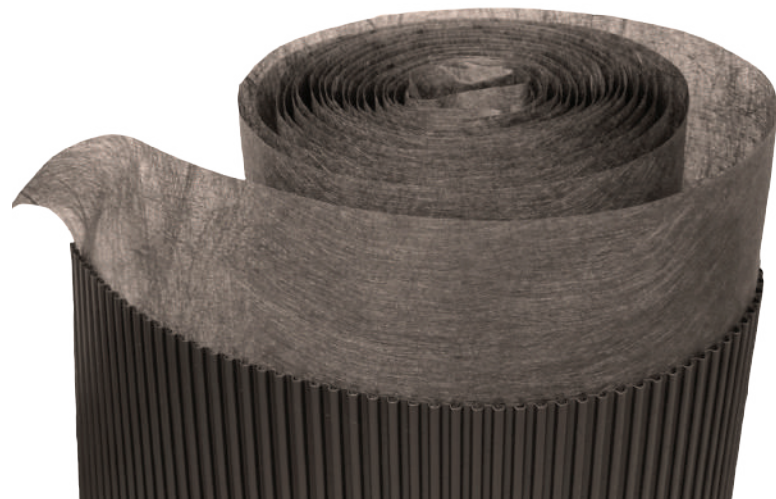
Applications

- ☑ Stucco, Thin Stone or Thin Brick
- ☑ Natural Stone
- ☑ Full Brick
- ☑ Fiber Cement, Cedar Siding
- ☑ Roofing Applications

10mm Sure Cavity, Sure Cavity, Gravity Cavity (top to bottom)

Why Rainscreen? No Wall Is Waterproof

Today's "tighter" buildings increase the risk for moisture and mold problems. Rainscreen systems greatly reduce this risk by enabling moisture to swiftly exit the building envelope. Rainscreens are inexpensive insurance to mitigate the risk of wall failure. Smart builders keep walls dry with Sure Cavity & Gravity Cavity.



Rigid channels don't compress, creating predictable drainage

The MTI Advantage

- ☑ Unobstructed Drainage
- ☑ Vapor Permeable for Full Ventilation
- ☑ Resists Compression, Reduces Waviness
- ☑ Cut Install Time by 50% (vs. furring strips)
- ☑ Mortar Blocking Fabric & Bug Screen
- ☑ Plastic is 100% Recycled Content
- ☑ 20 Year Warranty

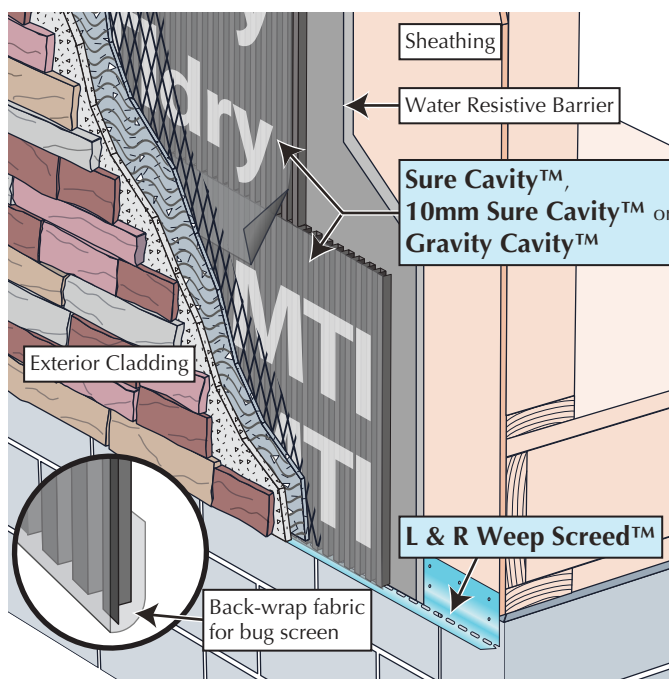


Thin Stone with Sure Cavity rainscreen drainage plane

Installation

- Install Sure Cavity™ or Gravity Cavity™ rainscreen outboard of water resistive barrier. Mortar-blocking fabric faces installer.
- Back-wrap 4" fabric skirt to create bug screen on the lowest course. 4" fabric skirt will lap shingle fashion in subsequent courses.
- Corrugated plastic to be butted at seams. Do not overlap plastic. Not necessary to align channels. Wrap rainscreen around corners and extend to nearest structural member.
- Fasten every 24" on-center with a hammer stapler over nailable surfaces. On masonry backup walls use dime-size dabs of adhesive to hold in place. Installing lath or veneer will ultimately sandwich rainscreen in place.

Complete Installation at MTIdry.com/installation



Technical Information¹

¹Technical data shown for Sure Cavity SC 5016, SC 5032.

Material Description

Perforated and corrugated plastic made of 0.6 mm pre-consumer recycled high-impact polystyrene with an adhered spun-bond polypropylene fabric.

Drainage Efficiency

Over 97% (ASTM 2273, ICC EG356)

Water Vapor Transmission

8.3 grains/hr•ft² (ASTM E 96-05)

Permeability

4.2 perm•in (ASTM E 96-05)

Vapor Permeance

20.3 Perms (ASTM E 96-05)

Fungi Resistance

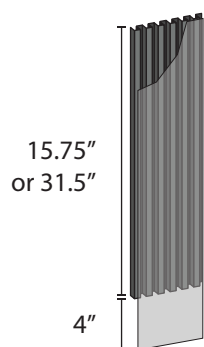
Does not support fungal growth (ASTM C 1338)

Compressive Strength

249 kPa / 5198 psf (ASTM D1621-00)

UV Exposure

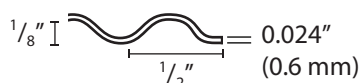
Over 9 weeks in accelerated UV testing (ICC EG356, ICC AC48)



Gravity Cavity

GC 1816, GC 1832

Most Economical

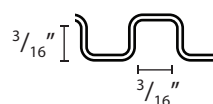


GC 1816 | GC 1832

Sure Cavity

SC 5016, SC 5032

Better Protection

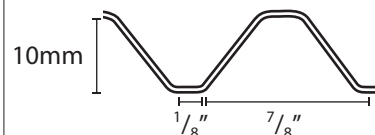


SC 5016 | SC 5032

10mm Sure Cavity

SCMM 2516, SCMM 2532

Best Protection & Meets Code in Canada



SCMM 2516 | SCMM 2532

Depth (drainage gap)

1/8 in (3mm)

Roll Length

76 ft

Roll Width

15.75 in | 31.5 in

Roll Coverage

100 ft² | 200 ft²

Pallet

6,400 ft² | 6,400 ft²

3/16 in (5mm)

50 ft

15.75 in | 31.5 in

66 ft² | 132 ft²

4,224 ft² | 4,224 ft²

3/8 in (10mm)

25 ft

15.75 in | 31.5 in

33 ft² | 66 ft²

2,112 ft² | 2,112 ft²

Questions about application, installation or ordering?
MTIdry.com/sure-cavity

MTI MASONRY TECHNOLOGY INCORPORATED

Perforated Control Cavity™

PCC 4816, PCC 4832
PCC 2416, PCC 2432

Interior Single Wythe Masonry Drainage Plane

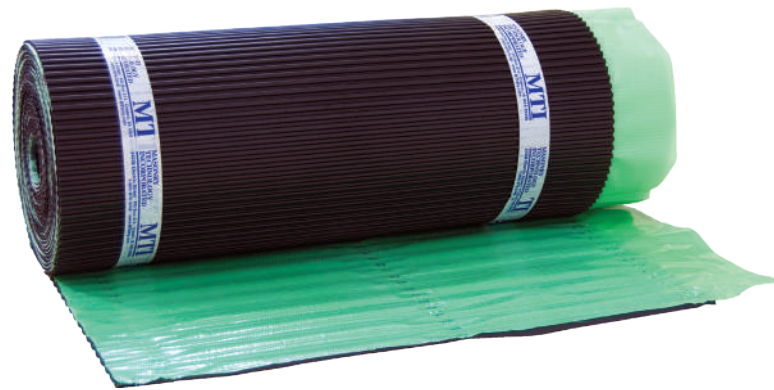
Applications

- ✔ Single Wythe Interiors

Moisture that penetrates single wythe walls drains down the Perforated Control Cavity to an interior drain field

Separate Single Wythe Masonry from Interiors

Capillary rise is a fact of life in masonry. Water can move vertically and laterally through the small pores in concrete despite our best attempts at waterproofing. Separating interior building materials from wet single wythe walls with Perforated Control Cavity improves building sustainability.



Perforated Control Cavity features Green Guard® Classic Wrap

The MTI Advantage

- ✔ Separates Single Wythe Wall From Finished Interior
- ✔ Perforated For Cross Ventilation
- ✔ Integrated Water Resistive Barrier
- ✔ Plastic is 100% Recycled Content

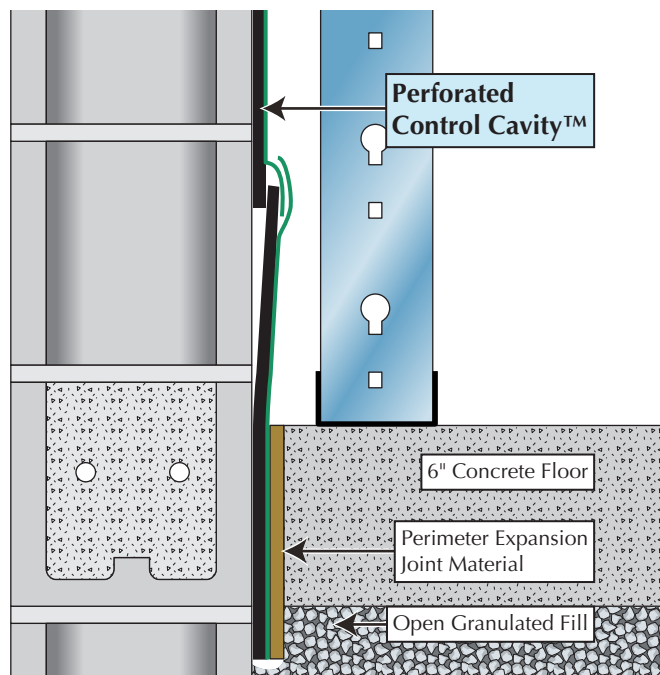


Perforated Control Cavity installed on interior of block wall

Installation

- Install Perforated Control Cavity™ with channel pattern running vertically
- Overlap all edges and ends a minimum of 1"
- Overlap horizontal edges shingle fashion to outside concrete or masonry substrate - upper sheet laps behind (back laps) lower sheet
- Cover entire wall surface, top to bottom, in this fashion
- Mechanically fasten Perforated Control Cavity 2'4" on center with concrete nails or power fastener

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

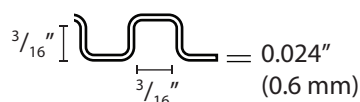
0.024" (0.6 mm) thick high impact polystyrene sheets, formed with corrugations and a cross-woven polyolefin fabric (GreenGuard® Classic Wrap) on one side with a 4" (102 mm) skirt on one edge.

* GreenGuard is a Registered Trademark of the Kingspan Group plc in the US. All rights reserved.



Perforated Control Cavity

PCC 4816, PCC 4832

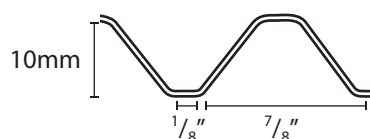


PCC 4816 | PCC 4832

Depth (drainage gap)	$\frac{3}{16}$ in (5mm)	
Roll Length	50 ft	
Roll Width	15.75 in	31.5 in
Roll Coverage	66 ft ²	132 ft ²
Pallet	4,224 ft ²	4,224 ft ²

10mm Perforated Control Cavity

PCC 2416, PCC 2432



PCC 2416 | PCC 2432

Depth (drainage gap)	$\frac{3}{8}$ in (10mm)	
Roll Length	25 ft	
Roll Width	15.75 in	31.5 in
Roll Coverage	33 ft ²	66 ft ²
Pallet	2,112 ft ²	2,112 ft ²

Questions about application, installation or ordering?
MTIdry.com/perforated-control-cavity

MTI MASONRY TECHNOLOGY INCORPORATED

Corrugated Lath Strip™

CLS 3845-18
CLS 3845-316

Rainscreen Strips For Siding

Applications

☑ Fiber Cement & Cedar Siding

Corrugated Lath Strip installed over studs creates an air gap for drainage & ventilation behind siding

An Air Gap Protects You Against Moisture

Take a lesson from the EIFS industry: a drainage gap drains the wall and prevents moisture damage. The same lesson applies to siding. Plus it reduces maintenance & extends the life of the siding. Create a predictable air gap with Corrugated Lath Strip from MTI and stay dry.



Corrugated Lath Strip creates a 3/16" or 1/8" air gap

The MTI Advantage

- ☑ Creates Rainscreen Air Gap
- ☑ Lightweight
- ☑ Easy to Install

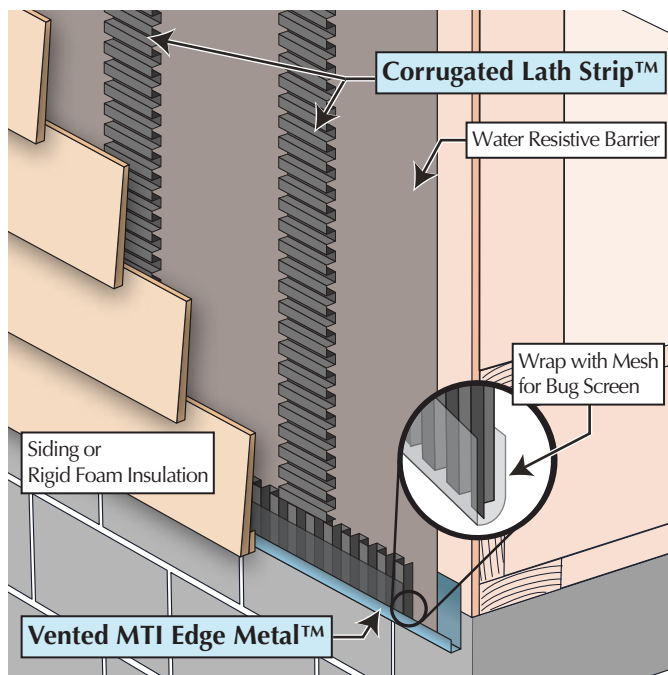


Bundled in 50' rolls - can be trimmed with a utility knife

Installation

- Install Corrugated Lath Strip™ over the water resistive barrier
- Align with framing or fastening pattern of siding
- Attach with staples or other mechanical fasteners
- Install exterior siding or exterior rigid foam insulation per manufacturer's specification

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

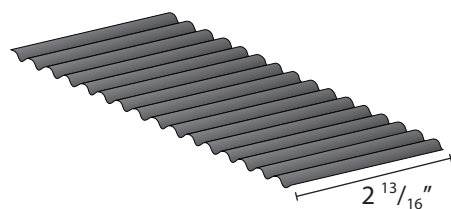
High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

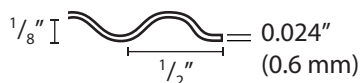
Fungi Resistance

Does not support fungal growth (ASTM C 1338)



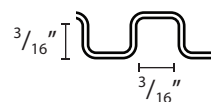
Corrugated Lath Strip

CLS 3845-18



Corrugated Lath Strip

CLS 3845-316



Depth (drainage gap)

1/8 in (3mm)

3/16 in (5mm)

Roll

50 ft

50 ft

Bundle

250 ft / 5 rolls

250 ft / 5 rolls

Box

1,500 ft / 6 bundles

1,000 ft / 4 bundles

Pallet

18,000 ft

12,000 ft

Questions about application, installation or ordering?
MTIdry.com/corrugated-lath-strip

MTI MASONRY
TECHNOLOGY
INCORPORATED

Corrugated Lath Strip™ White

CLSW 3845-18

Drainage Strip For EIFS



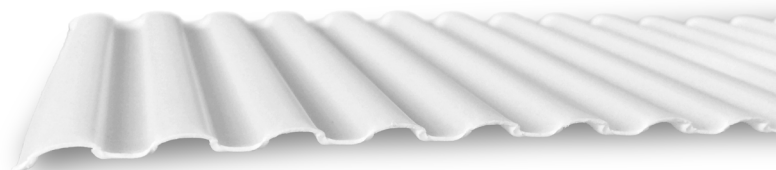
Applications

☑ EIFS

Corrugated Lath Strip protects the drainage gap in water managed EIFS.

An Air Gap Protects You Against Moisture

Think exterior rigid foam insulation is a perfect barrier system? Think again. Learn a lesson from the EIFS industry: a drainage gap behind rigid insulation drains the wall and prevents moisture damage. Create a predictable air gap with Corrugated Lath Strip from MTI and stay dry.



Corrugated Lath Strip ensures 1/8" air gap

The MTI Advantage

- ☑ Creates Air Gap
- ☑ Maintains Drainage & Minimizes Thermal Loss Behind EIFS & Rigid Insulation
- ☑ Easy to Install
- ☑ Protects Drainage Gap from Finish Coat

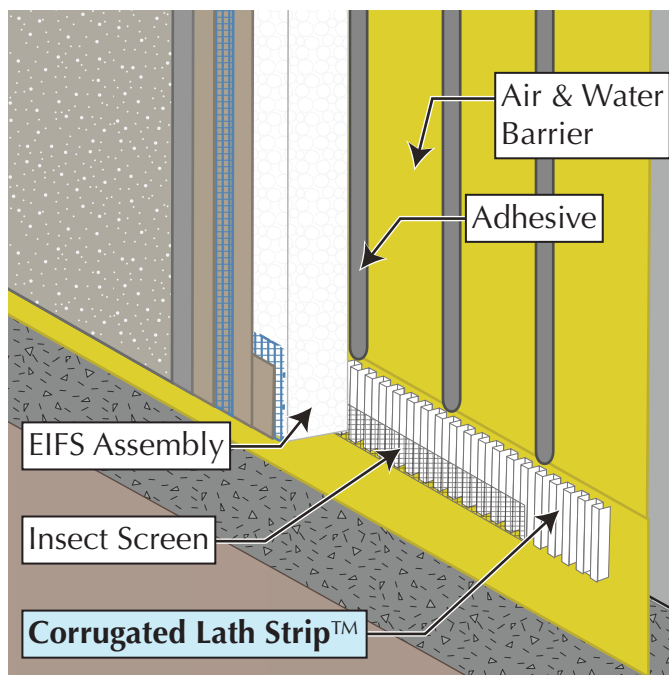


Corrugated Lath Strip is available in 50 ft rolls.

Installation

- Install Corrugated Lath Strip™ White over the water resistive barrier at the base of the wall, window heads and horizontal expansion joints
- Wrap with insect screen
- Fasten with staples or other mechanical fasteners 24" on center
- Corrugated Lath Strip should extend below the EPS foam to protect the drainage gap from being covered by the base and finish coats
- Install EPS foam and EIFS components per manufacturer's instructions

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

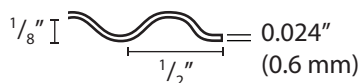
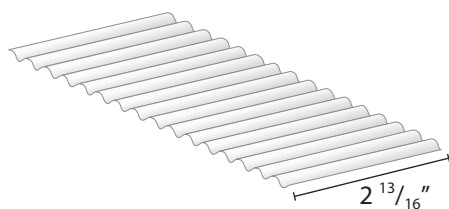
Over 9 weeks in accelerated UV testing (ASTM G 154)

Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Corrugated Lath Strip White

CLSW 3845-18



Depth (drainage gap)

1/8 in (3mm)

Roll

50 ft

Bundle

250 ft / 5 rolls

Box

1,500 ft / 6 bundles

Pallet

18,000 ft

Questions about application, installation or ordering?
MTIdry.com/corrugated-lath-strip

MTI MASONRY TECHNOLOGY INCORPORATED

Trash Mortar Diverter™

TMD 9548

Maintain Clear Cavity Behind Brick



Applications

☑ Full Brick

Trash Mortar Diverter catches & holds mortar squeezings above weeps & allows water to drain out of the wall

Prevent Mortar Dams Behind Brick

Keeping a clear cavity for drainage & ventilation in brick walls is essential for the long-term performance of the wall. Holding the mortar 10" above the weeps isn't enough. Use Trash Mortar Diverter to catch mortar squeezings and keep a functioning cavity in brick veneers.



4' Sections of Trash Mortar Diverter are easy to install

The MTI Advantage

- ☑ Holds & Encapsulates Trash Mortar
- ☑ Funnels Moisture to Bottom of Cavity
- ☑ Lightweight, But Not Fluffy
- ☑ Easy to Install
- ☑ 100% Recycled Content

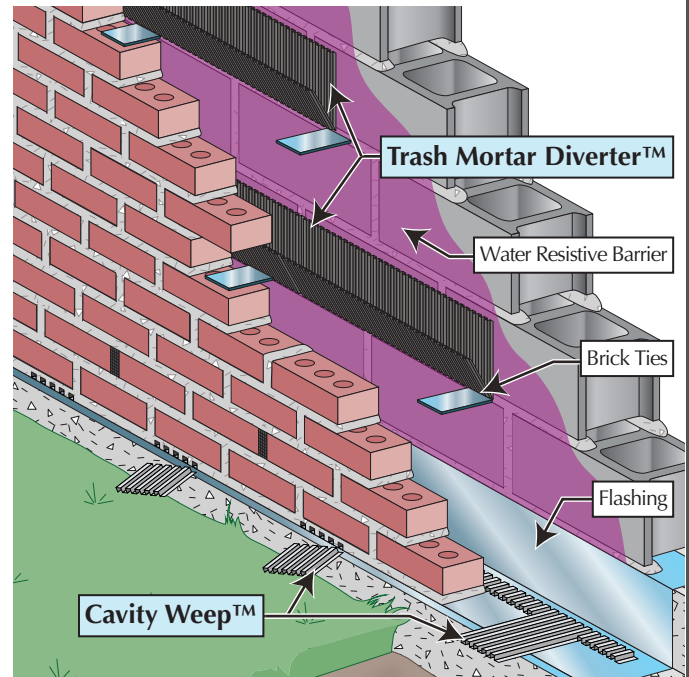


Trash Mortar Diverter is placed in the cavity on brick ties

Installation

- Insert Trash Mortar Diverter™ into cavity with “V” pointed downward and short edge facing the installer
- Arrange Trash Mortar Diverter in a “checkerboard”, “stairstep”, or architect / engineer-recommended pattern
- Use only in cavities of 1½” or more

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

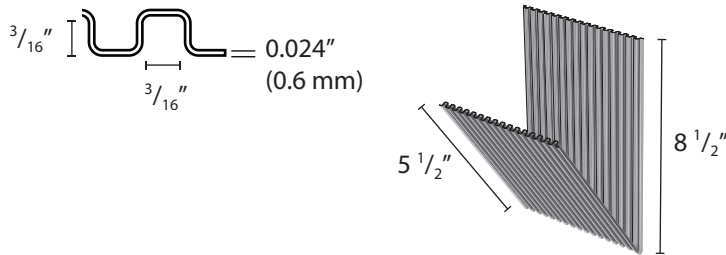
Over 9 weeks in accelerated UV testing (ASTM G 154)

Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Trash Mortar Diverter

TMD 9548



Related Products:

- Cavity Weep™
- Head Joint Weep™

Piece	4 ft
Bundle	40 ft / 10 pieces
Box	240 ft / 60 pieces
Pallet	2,400 ft / 600 pieces

Questions about application, installation or ordering?
MTIdry.com/trash-mortar-diverter

MTI MASONRY TECHNOLOGY INCORPORATED

Cavity Weep™ & Stone Cavity Weep™

CV 5010
SCV 5012

Self-Spaced Weep Systems



Applications

- ✓ Full Brick
- ✓ Natural Stone
- ✓ Single Wythe Masonry

Cavity Weep drains the wall at its lowest point

Have Enough Weeps? Do They Work?

Common weep tubes and ropes in cavity walls are ineffective at weeping, and poor installation often makes drainage impossible. MTI's self-spaced weeps that roll out on the flashing ensure ample weeping capacity and foolproof installation.



Rolls of self-spaced weeps make installation fast & simple

The MTI Advantage

- ✓ Forms Bottom of Bed Joint Mortar
- ✓ Weeps Directly on Flashing
- ✓ Five Weep Holes every 9.5"
- ✓ Time Saving Rolls
- ✓ Foolproof Installation
- ✓ Translucent to Blend with Mortar

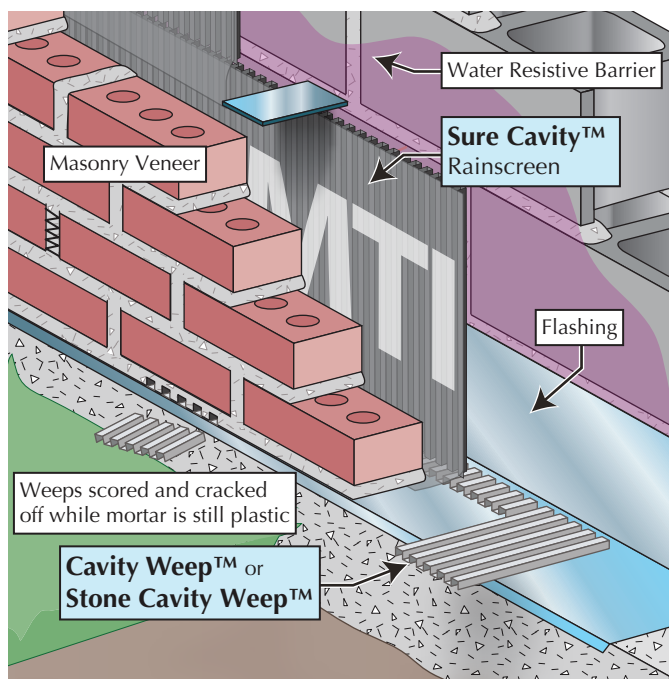


Stone Cavity Weep forms the bottom of the bed joint mortar

Installation

- Brick & Stone Cavity Walls: Place Cavity Weep™ or Stone Cavity Weep™ on flashing with continuous belt centered in cavity and legs extending out from face of wall about 1" to 1 1/2"
- Single Wythe Walls: Place Cavity Weep on flashing with continuous belt centered in core and legs extending to the exterior
- Place bed joint of mortar on Cavity Weep or Stone Cavity Weep and lay masonry units
- Tool joints, lightly score legs at face of wall, and crack off by pushing downward while mortar is still plastic
- Finish tool joint and brush
- MTI recommends using Sure Cavity™ rainscreen to prevent mortar bridging and blocking the cavity

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

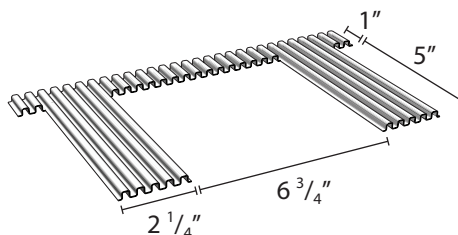
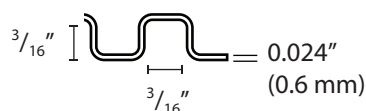
Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Cavity Weep

CV 5010

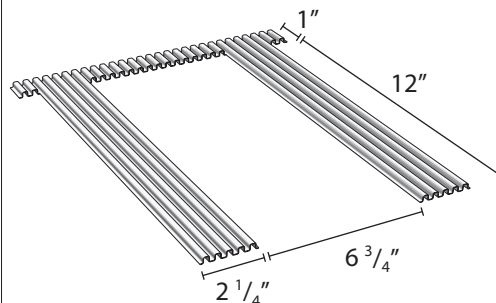
Brick & Single Wythe Walls



Stone Cavity Weep

SCV 5012

Natural Stone Veneer



Roll	25 ft	25 ft
Bundle	100 ft / 4 rolls	50 ft / 2 rolls
Box	600 ft / 6 bundles	300 ft / 6 bundles

Questions about application, installation or ordering?
MTIdry.com/cavity-weep

MTI MASONRY TECHNOLOGY INCORPORATED

Wall Opening Weeps™

WOW 9095

Versatile Weeps for Thin Veneers & More

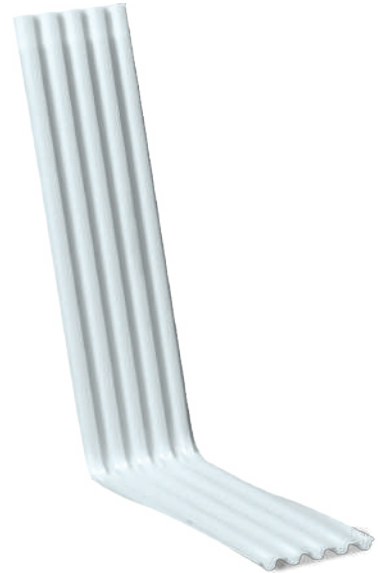
Applications

- ☑ Stucco, Thin Stone or Brick
- ☑ Natural Stone
- ☑ Full Brick

Weeps Above Openings and Staggered Stone

Windows. Doors. Run-to-grade veneers. Moisture needs a way out of the wall at each interruption in the drainage plane. Wall Opening Weeps create a pathway for moisture to drain directly on the flashing. You'll be WOWed at how they unlock your creativity to create great looking exteriors that will last for generations.

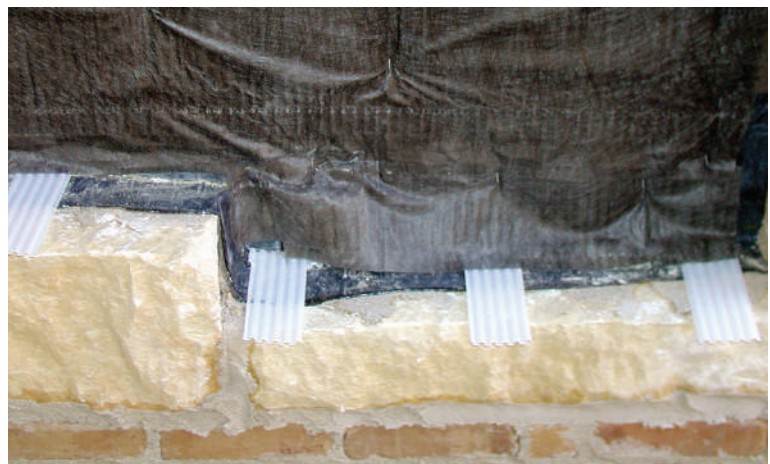
Weeps above a window in a thin stone veneer



L-shaped weeps create weep tunnels directly on flashing

The MTI Advantage

- ☑ Form Bottom of Scratch Coat
- ☑ Maintain Vertical Channels into Thin Veneer Walls
- ☑ Weep Directly on Flashing
- ☑ Work in a Variety of Exteriors
- ☑ Foolproof Installation
- ☑ Translucent to Blend with Mortar



Wall Opening Weeps with Sure Cavity on natural stone

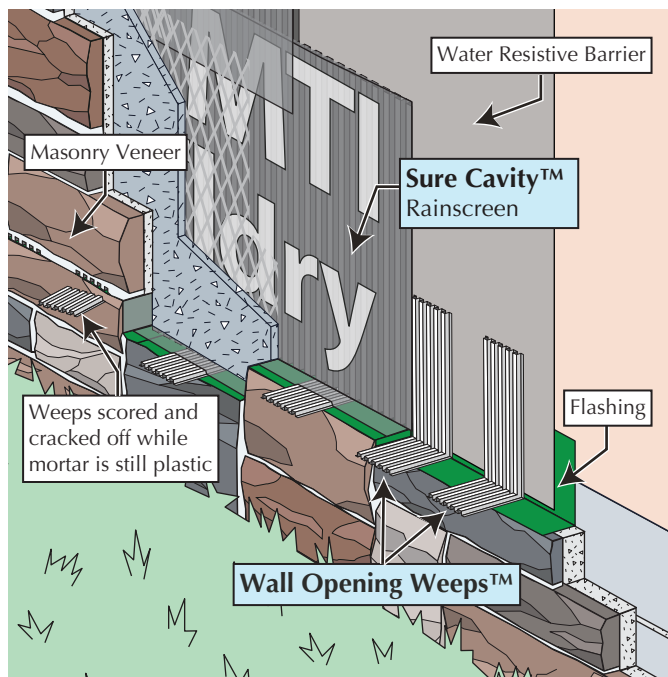
MTI MASONRY
TECHNOLOGY
INCORPORATED

Detail Drawings • BIM • Free Consultation • Videos
info@mtidry.com 800-879-3348 MTIdry.com

Installation

- Install Wall Opening Weeps™ on flashings 10" on center
- Install Sure Cavity™ rainscreen with fabric skirt lapping over Wall Opening Weeps
- Apply scratch coat or mortar and exterior veneer
- Tool joints and lightly score legs of Wall Opening Weeps at face of wall and crack off by pushing downward while mortar is still plastic
- Finish tool joint and brush

Wall Opening Weeps are used in a variety of unique details. Visit MTIdry.com/installation for instructions specific to your wall assembly.



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

Fungi Resistance

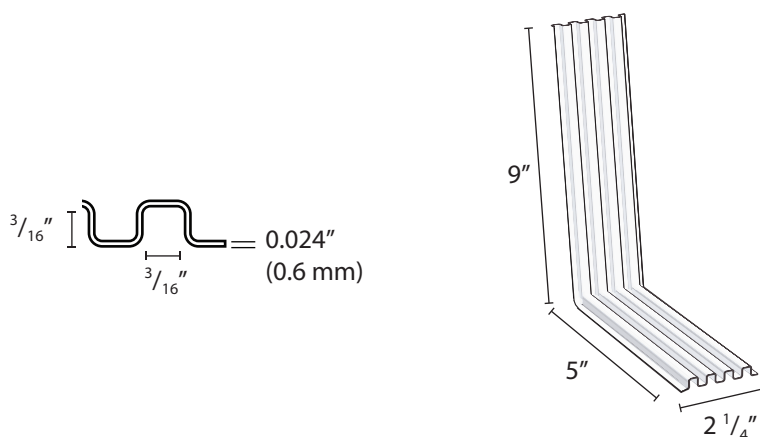
Does not support fungal growth (ASTM C 1338)

Wall Opening Weeps

WOW 9095

Related Products:

- Cavity Weep™
- Stone Cavity Weep™
- Head Joint Weeps™



Box

100 pieces

Questions about application, installation or ordering?
MTIdry.com/wall-opening-weeps

MTI MASONRY TECHNOLOGY INCORPORATED

Time-Saving Weeps and Spacers

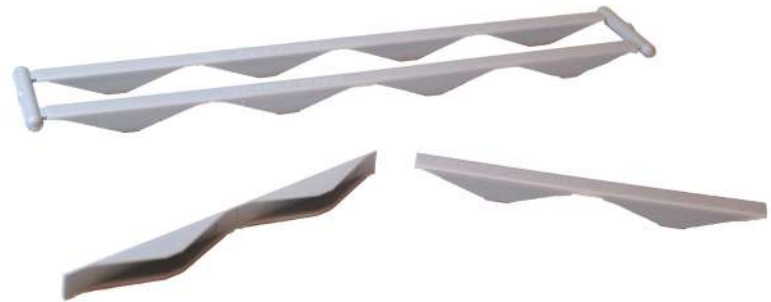
Applications

- ✓ Full Brick
- ✓ CMU Veneer

Weeps also space brick units for fast & professional install

Perfect for Steel Lintels & Shelf Angles

Weeps work when they create a path for drainage at the lowest point in the cavity - in this case, directly on the lintel or shelf angle flashing. Head Joint Weeps are 3/8" wide - the same as a mortar joint - so they act as a time-saving spacer for creating great looking brick joints.



Head Joint Weeps create weep tunnels directly on flashing

The MTI Advantage

- ✓ Weep Tunnels at the Lowest Point of the Cavity
- ✓ Easy to Install
- ✓ Time Saving Spacers

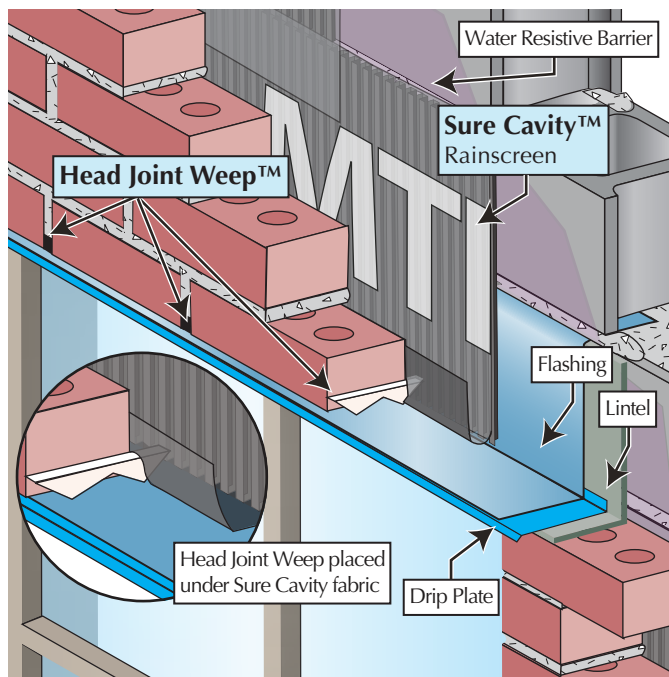


Head Joint Weep with Sure Cavity on a brick lintel

Installation

- Place Head Joint Weep™ as a spacer in each head joint, directly on flashing
- Spread bed joint of mortar on top of first course of brick, tuck point mortar into head joint and tool joint
- Masonry Technology Inc. recommends the installation of a drip plate under all flashings over all steel lintels and shelf angles

Complete Installation at MTIdry.com/installation



Technical Information

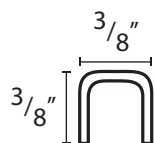
Material Description Injection molded 0.24" (0.6 mm) thick acetac

Head Joint Weep

HJW 3845

Related Products:

- Cavity Weep™
- Wall Opening Weeps™



Head Joint Weeps are produced in double 9 inch long "sticks" that are easily snapped into

- four 4 1/2 inch pieces for brick
- two 6 3/4 inch pieces for CMUs
- two 9 inch pieces for CMUs

Box 400 - 4 1/2 in pieces

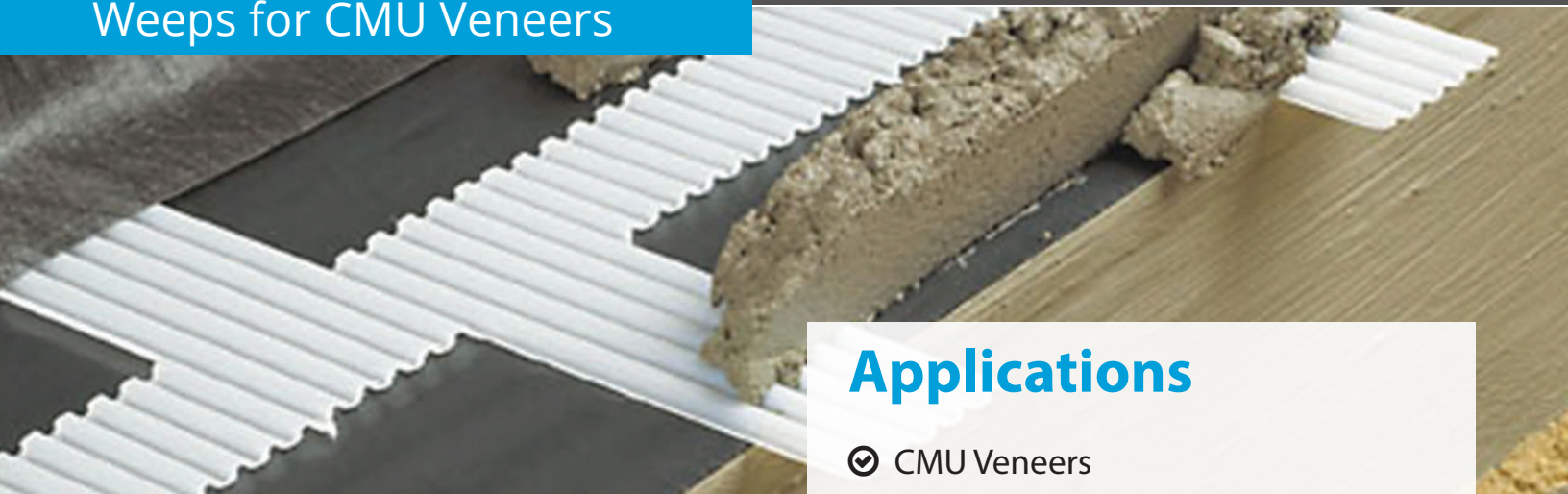
Questions about application, installation or ordering?
MTIdry.com/head-joint-weep

MTI MASONRY
TECHNOLOGY
INCORPORATED

Core Cavity Weep™

CCV 5020

Weeps for CMU Veneers



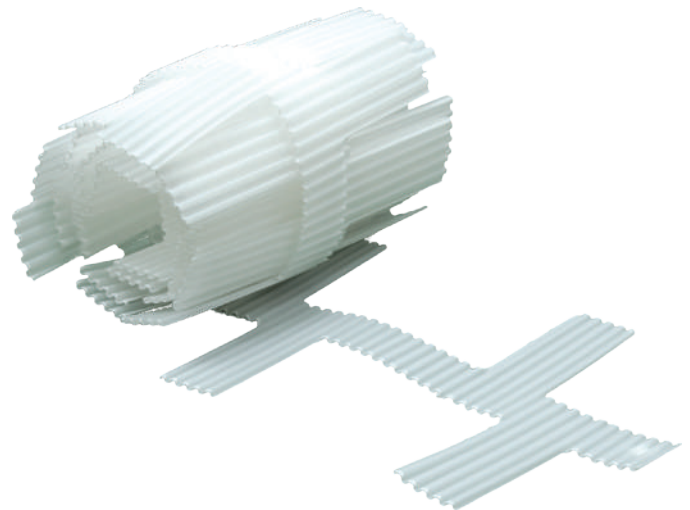
Applications

☑ CMU Veneers

Core Cavity Weep installed on flashing, below bed joint mortar

Drain Block Cores & Veneer Cavity

CMU and Jumbo Brick Veneers create two cavities where water can accumulate: in the block cores and the cavity between the veneer and structural back-up wall. Core Cavity Weep's unique design drains the cores and the wall cavity by creating drainage tunnels below the bed joint mortar directly on the flashing.



Rolls of self-spaced weeps make installation fast & simple

The MTI Advantage

- ☑ Forms Bottom of Bed Joint Mortar
- ☑ Weeps at the Lowest Point of the Wall
- ☑ Drains Cavity and Block Cores in CMU or Jumbo Brick Veneer
- ☑ Easy to Install Self-Spaced Weeps

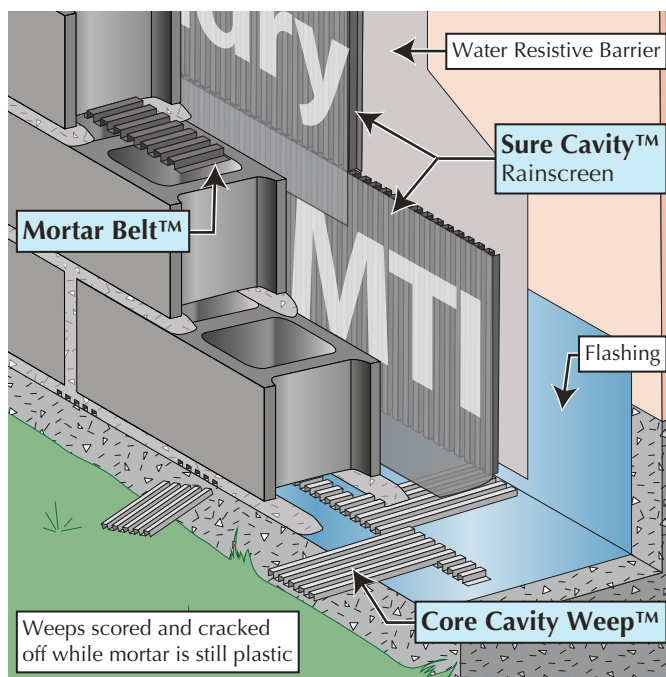


Weeps easily score and snap off, and joints are tooled for a finished appearance

Installation

- Core Cavity Weep™ should be positioned on flashings with continuous belt in center of block cores. Allow intermittent legs to extend into wall cavity and to the exterior as illustrated
- Apply bed joint of mortar
- Install masonry units on bed joint of mortar following normal installation procedures
- Lightly score legs at face of wall, crack off by pushing downward while mortar is still plastic
- Tool and finish mortar joints

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

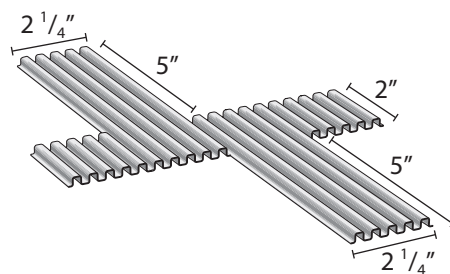
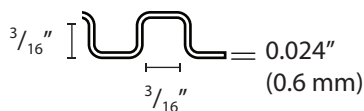
Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Core Cavity Weep CCV 5020

Related Products:

- Sure Cavity™ Rainscreen
- Mortar Belt™



Roll

25 ft

Box

200 ft / 8 rolls

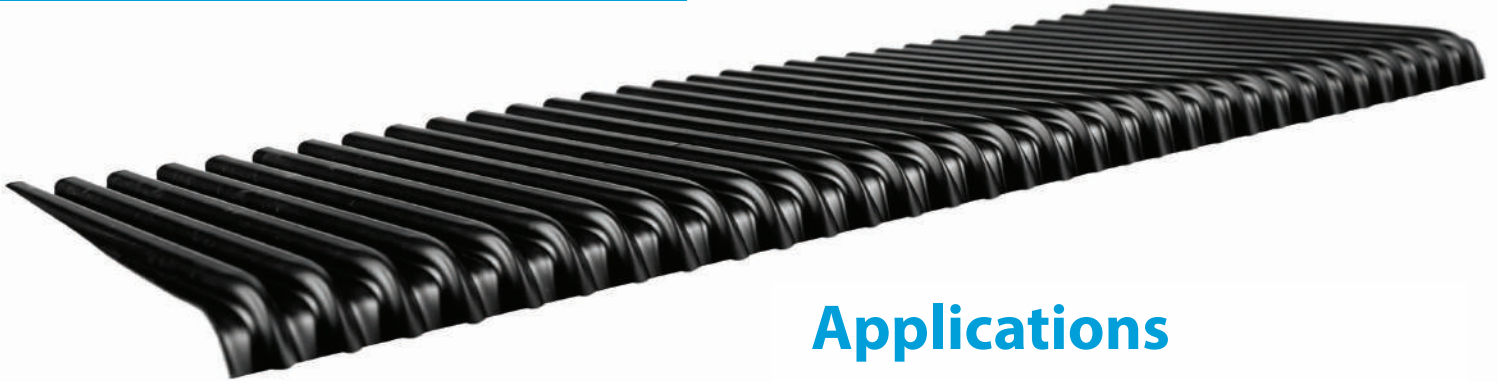
Questions about application, installation or ordering?
MTIdry.com/core-cavity-weep

MTI MASONRY
TECHNOLOGY
INCORPORATED

Concealed Lintel Weep™

CLW 9040

Weeps for Lipped Brick



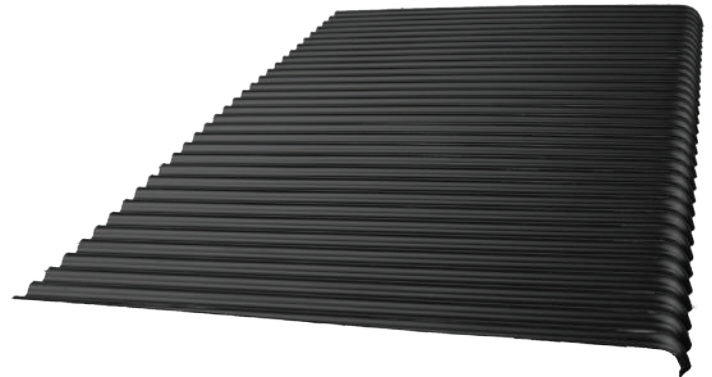
Applications

☑ Lipped Brick

Concealed Lintel Weep can be field-trimmed from stock size or custom fabricated by MTI to customer dimensions

Unique Weeps for Hidden Joints

The Concealed Lintel Weep is used with lip brick set in a bed joint of mortar. It creates a weep system that moves moisture out of and away from this sensitive detail. The Concealed Lintel Weep creates tunnel weeps beneath the bed joint mortar, where an effective weep should be!



Corrugations create a gap for drainage beneath lip brick

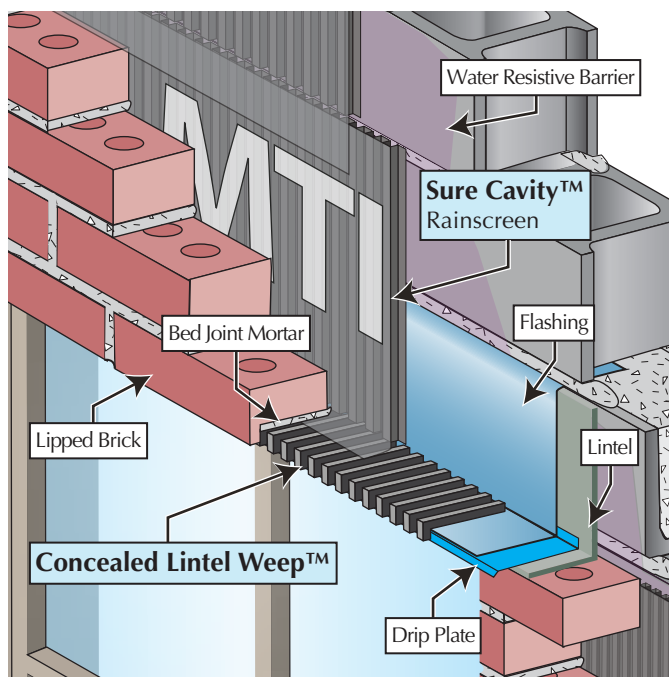
The MTI Advantage

- ☑ Completely Hidden Weeps
- ☑ Weeps at Lowest Point in Wall
- ☑ 100% Recycled Content

Installation

- Place Concealed Lintel Weep™ on flashing with the short edge protruding downward off the exterior edge of the steel lintel/shelf angle and appropriate drip plate edge
- The back edge of weep system should be approximately 1/4" from the vertical face of the steel lintel/shelf angle and vertical surface of flashing
- Lap mortar blocking fabric of Sure Cavity™ over Concealed Lintel Weep
- Spread bed joint of mortar over Concealed Lintel Weep and install the lip brick units

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

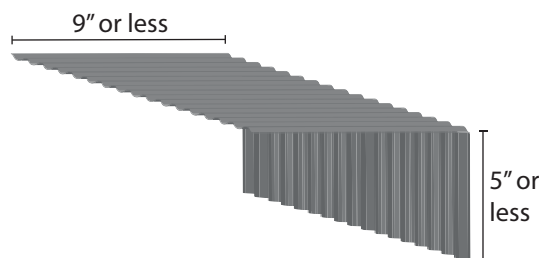
High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

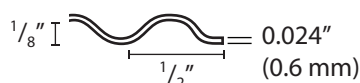
Over 9 weeks in accelerated UV testing (ASTM G 154)

Fungi Resistance

Does not support fungal growth (ASTM C 1338)



Concealed Lintel Weep CLW 9040



Related Products:

- Head Joint Weep™
- Cavity Weep™

*Exact dimension custom fabricated by MTI as to customer specifications

Piece	4 ft
Bundle	40 ft / 10 pieces
Box	240 ft / 60 pieces

Questions about application, installation or ordering?
MTIdry.com/concealed-lintel-weep

MTI MASONRY
TECHNOLOGY
INCORPORATED

Tuckpoint Retrofit Weep™

TRW 1425
TRW 1425R

For Renovations & Large Masonry Units

Applications

- ✓ Retrofits & Renovations
- ✓ Natural Stone
- ✓ Full Brick

Weeps added to a brick veneer wall

Weeps For Retrofits & Oversized Stone

Unique applications require special weeps. Tuckpoint Retrofit Weeps are the solution for drainage with oversized masonry units as well as renovations where mortar is removed to add weeps.



14" long Tuckpoint Retrofit Weeps are available in 50' rolls or 2 1/2" wide pre-cut weeps

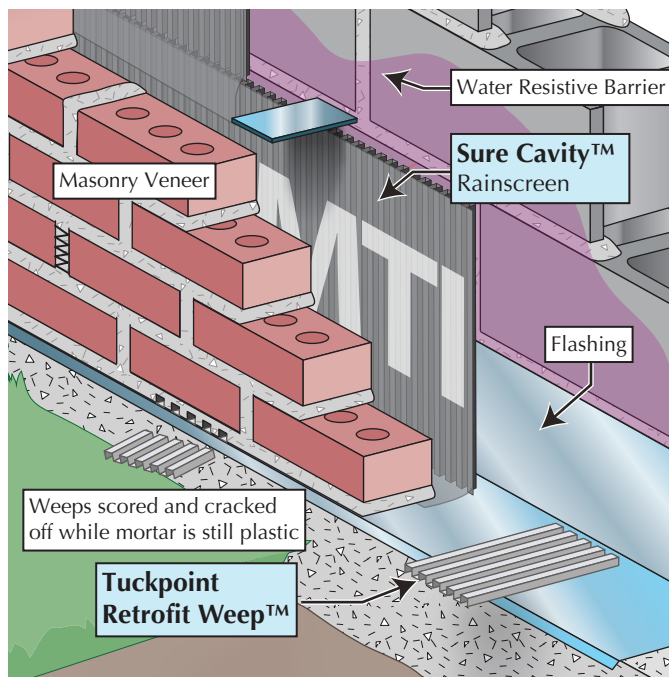
The MTI Advantage

- ✓ Form Bottom of Bed Joint Mortar
- ✓ Weep Directly on Flashing
- ✓ Weeps Standard or Oversize Masonry Units
- ✓ Translucent to Blend with Mortar

Installation

- Removing existing mortar at lowest point in cavity to fit weep
- Space weeps no more than 10" on center
- Insert Tuckpoint Retrofit Weep™ and tuck point mortar on top side of weep only
- Tool joints and lightly score legs at face of wall and crack off by pushing downward while mortar is still plastic
- Finish tool joint and brush

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

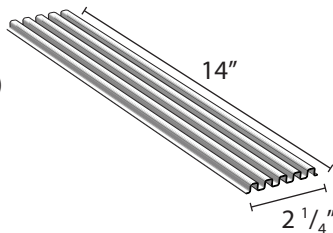
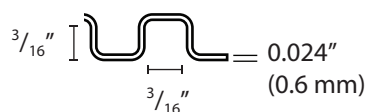
Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Tuckpoint Retrofit Weep

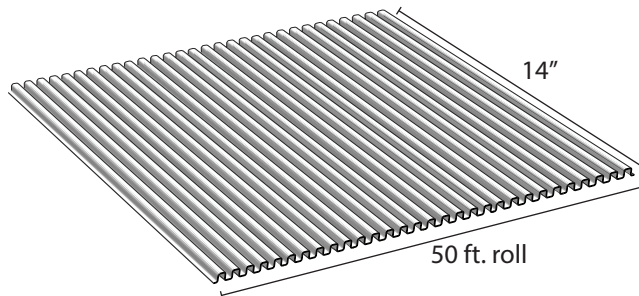
TRW 1425

Pre-Cut Weeps



TRW 1425R

Cut-Your-Own Weeps



Box

100 pieces

--

Roll

--

50 ft

Questions about application, installation or ordering?
MTIdry.com/tuck-point-retrofit-weep

MTI MASONRY TECHNOLOGY INCORPORATED

L & R Weep Screed™ & Weep Screed Deflector™

LR 3501
WSD 1309

The Only Weep Screed That Weeps

Applications

- ☑ Stucco
- ☑ Thin Stone
- ☑ Thin Brick

L & R Weep Screed features large slots for drainage and ventilation in thin veneers

Fact: Most Weep Screeds Don't Weep.

Weep screeds allow trapped water to drain to the exterior of the building, or they should. Most feature small holes for keying and rely on shrinkage cracks to drain - but the L & R Weep Screed features large slots to drain incidental moisture and ventilate the rainscreen wall system. The weep screed deflector can be added to divert moisture away from the foundation.



L & R Weep Screed's 1" slots drain directly below rainscreen drainage plane



The Weep Screed Deflector can be paired with the L & R Weep Screed to direct moisture away from foundation

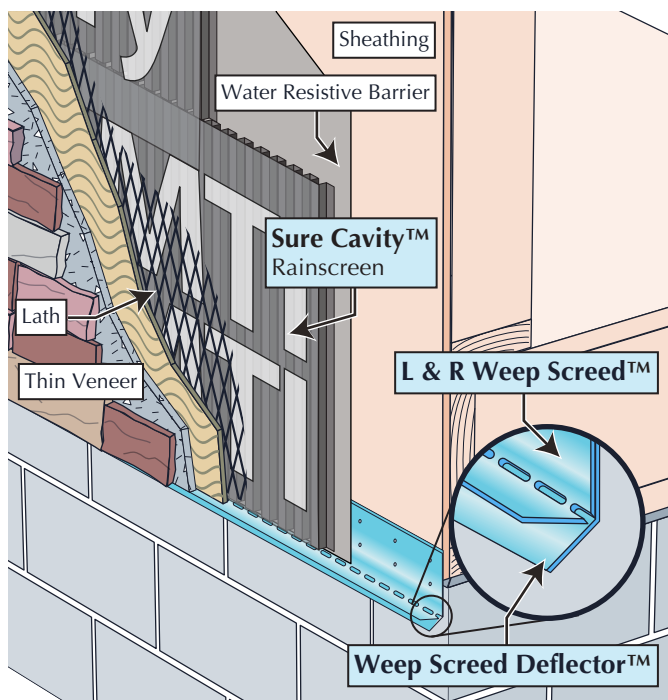
The MTI Advantage

- ☑ Large 1" Slots Weep & Ventilate
- ☑ Accommodates Rainscreen Drainage Mat
- ☑ True Rainscreen Termination
- ☑ Straight Screed Surface
- ☑ Deflector is a Mechanical Termite Barrier

Installation

- Optional Weep Screed Deflector™ :
Installed behind L & R Weep Screed as described below
- Install L & R Weep Screed™ at or below foundation plate line, run down onto foundation no less than 2"
- L & R Weep Screed shall be not less than 4" above the earth or 2" above paved areas
- Water resistive barrier shall lap the L & R Weep Screed attachment flange
- Rainscreen drainage plane shall be fully seated in the bottom of the L & R Weep Screed
- Exterior lath shall terminate in the L & R Weep Screed
- MTI recommends using Sure Cavity™ rainscreen drainage plane to drain & ventilate the thin veneer wall

Complete Installation at MTIdry.com/installation

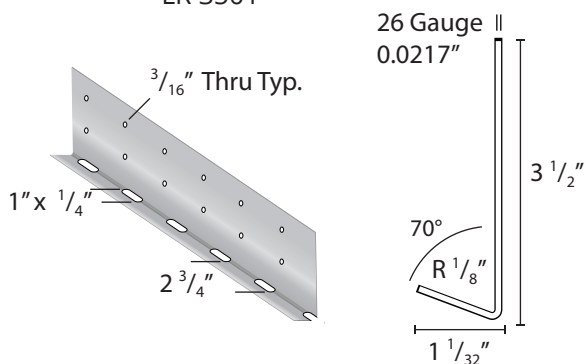


Technical Information

Material Description .0217" (26 Gauge) Cold Rolled Galvanized Steel

L & R Weep Screed

LR 3501



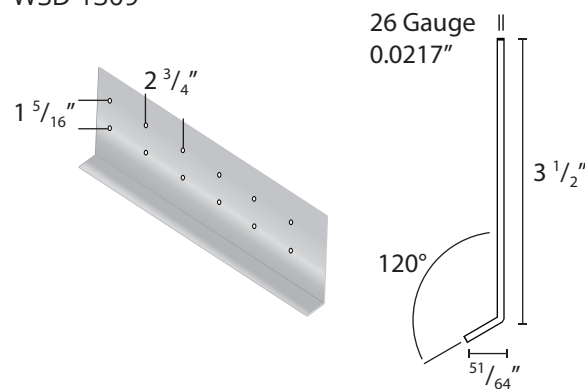
Piece 8 ft

Tube 160 ft / 20 pieces

Can be custom made in other metals upon request

Weep Screed Deflector

WSD 1309



Piece 8 ft

Tube 160 ft / 20 pieces

Questions about application, installation or ordering?
MTIdry.com/l-r-weep-screed

MTI MASONRY
TECHNOLOGY
INCORPORATED

Extra Moisture Protection for Windows



Applications

- ✓ Stucco, Thin Stone or Thin Brick
- ✓ Full Brick
- ✓ Full Stone
- ✓ Siding

Moisture Diverter sloped-to-drain and integrated with WRB

Keep Moisture Away From Sensitive Details

When it comes to moisture intrusion, windows are frequently the weak point in wall assemblies. Any opening or protrusion in the wall that interrupts the drainage plane requires a moisture management plan and good detailing. The Moisture Diverter integrates with the rainscreen drainage plane and moves the moisture away from the opening, modifying the risk.



Moisture Diverter can be used behind any cladding or veneer

The MTI Advantage

- ✓ Diverts Moisture Away From Openings
- ✓ Addresses Critical Moisture Management Needs Above Wall Openings
- ✓ Simple, Yet Effective

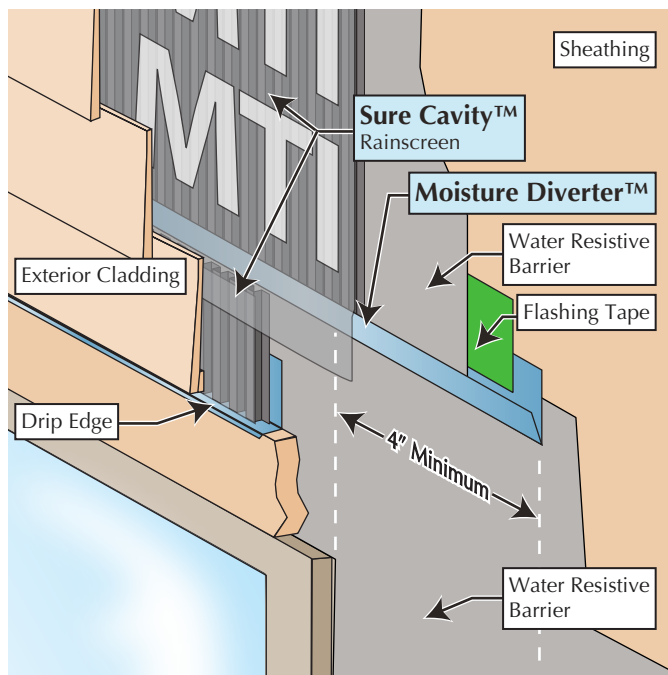


Moisture Diverter directs moisture from the rainscreen drainage plane away from windows & wall openings

Installation

- Position Moisture Diverter™ immediately above wall openings (windows, doors, etc.). Moisture Diverter should not contact mounting flanges or flashing systems
- Moisture Diverter must extend a minimum of 4" past window or window mounting flange on both sides of window
- Make Moisture Diverter watertight against moisture resistant coatings on masonry or poured concrete walls
- Install Moisture Diverter with $\frac{1}{4}$ " per 1' slope-to-drain
- Install flashing and overlap water resistive barrier shingle-fashion on framed wall

Complete Installation at MTIdry.com/installation

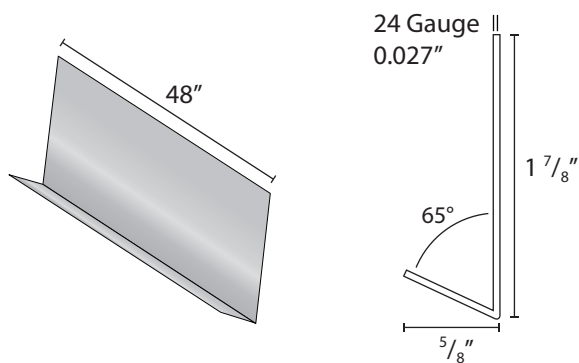


Technical Information

Material Description .027" (24 Gauge) Cold Rolled Galvanized Steel

Moisture Diverter

DS 2858



Related Products:

- Window Drainage Plane™
- Sure Cavity™ Rainscreen

Piece 4 ft

Tube 100 ft / 25 pieces

Can be custom made in other metals upon request

DS 2858

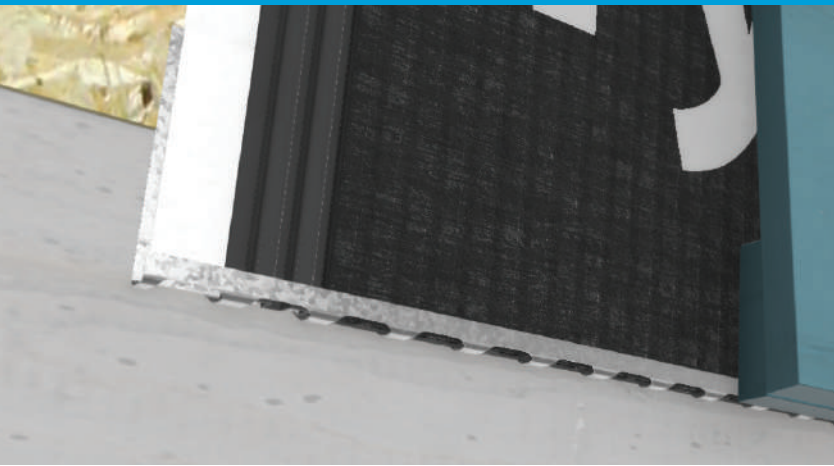
Questions about application, installation or ordering?
MTIdry.com/moisture-diverter

MTI MASONRY TECHNOLOGY INCORPORATED

Vented MTI Edge Metal™

VMEM 3168

Designed for Moisture Control



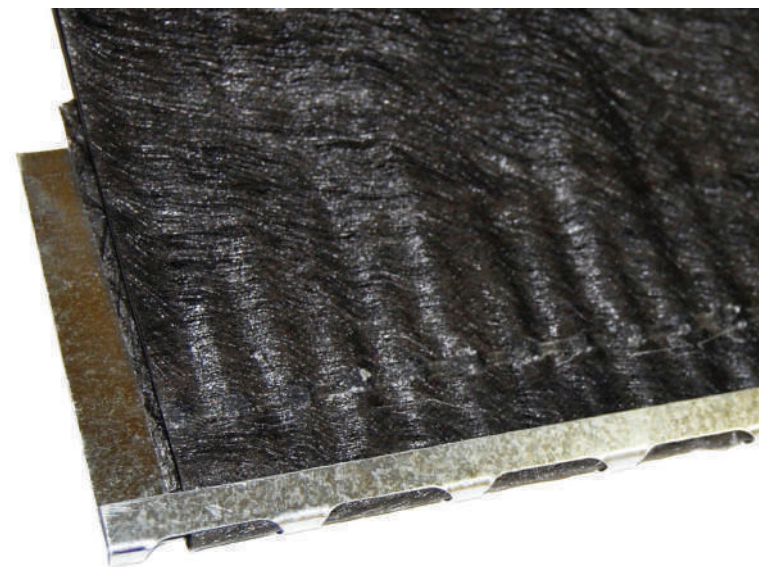
Applications

- ☑ Siding
- ☑ Roof Systems
- ☑ Thin Veneers with Cement Board

Vented Edge Metal drains a rainscreen siding assembly



Vented MTI Edge Metal features large slots for drainage



Drains & vents the Sure Cavity™ rainscreen drainage plane

Rainscreen Compatible Vented Termination

An air gap allows gravity to drain your walls dry, but that water needs an exit strategy at terminations. Vented MTI Edge Metal is designed to fit the Sure Cavity rainscreen and features large slots for weeping the rainscreen air gap. Use Vented MTI Edge Metal with roofs, thin veneers over cement board and siding applications.

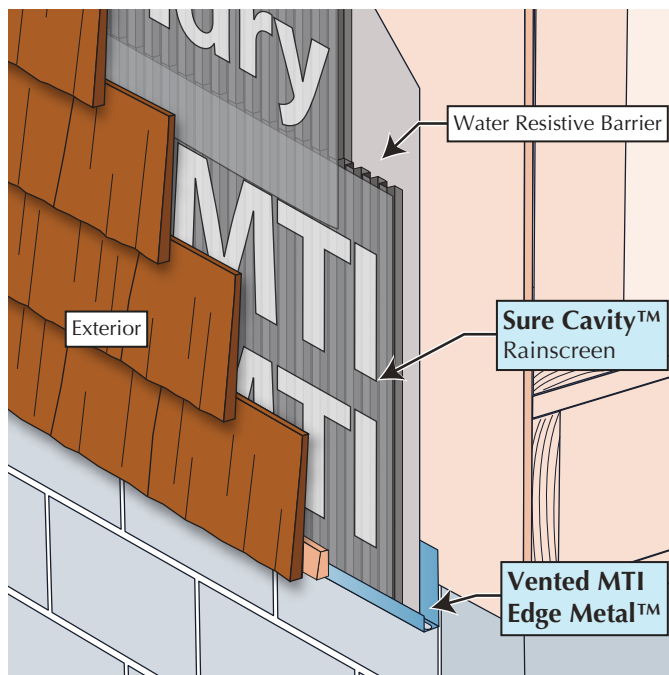
The MTI Advantage

- ☑ Accommodates Rainscreen Drainage Mat
- ☑ Large Slots Designed to Weep & Ventilate

Installation

- Install Vented MTI Edge Metal™ below foundation plate line - a minimum of 4" above the grade
- Ensure the water resistive barrier and Sure Cavity™ rainscreen overlap the 3 1/2" attachment flange and are fully seated in the bottom of the Vented MTI Edge Metal
- Vented MTI Edge Metal can also be used as part of a roof drainage system beneath shingles.

Complete Installation at MTIdry.com/installation

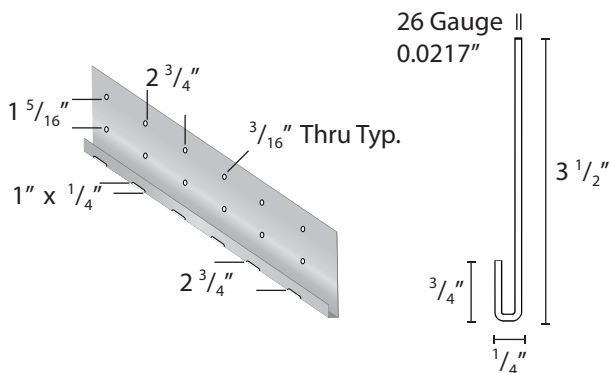


Technical Information

Material .0217" (26 Gauge) Cold Rolled Galvanized Steel
Description

Vented MTI Edge Metal

VMEM 3168



Related Products:

- MTI Edge Metal™
- Sure Cavity™ Rainscreen

Piece 8 ft

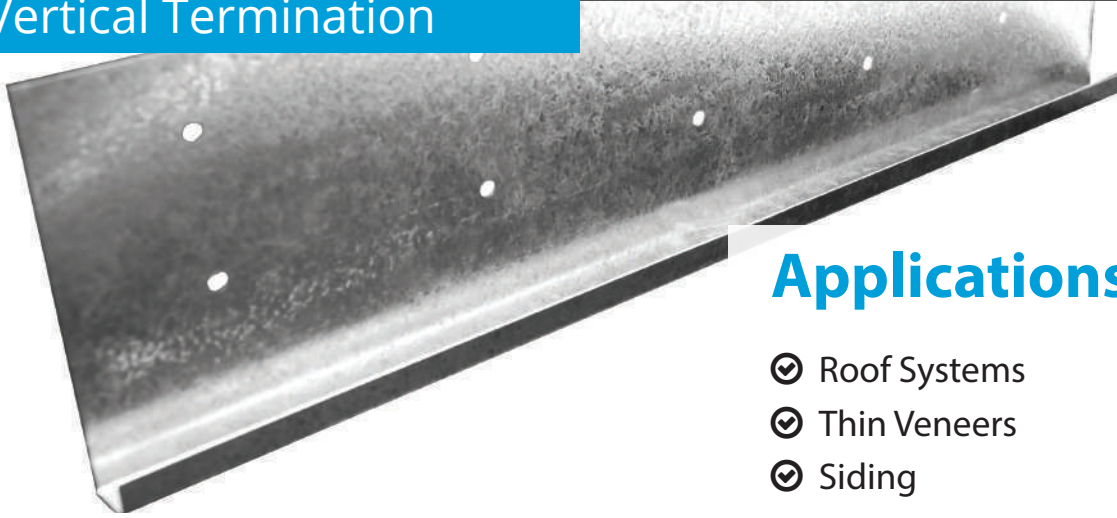
Tube 104 ft / 13 pieces

Can be custom made in other metals upon request

Questions about application, installation or ordering?
MTIdry.com/vented-edge-metal

MTI MASONRY
 TECHNOLOGY
 INCORPORATED

Vertical Termination



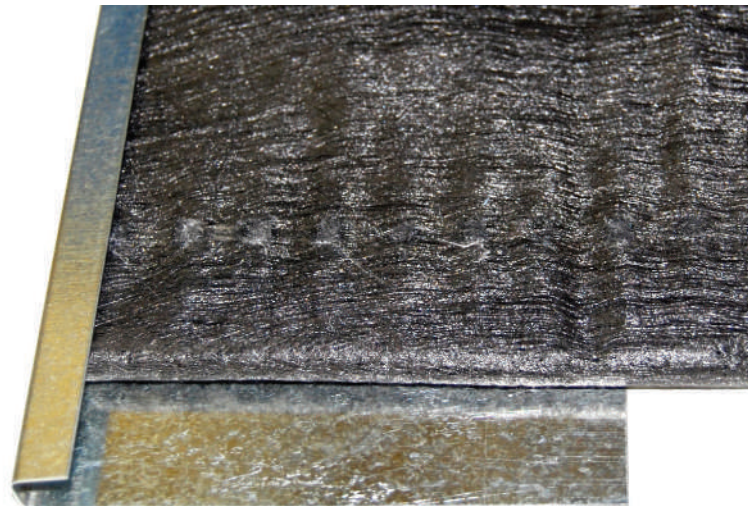
Applications

- ✓ Roof Systems
- ✓ Thin Veneers
- ✓ Siding

MTI Edge Metal for non-draining terminations

Rainscreen Compatible Metal Termination

Compatible building materials keep projects moving along on-time and on-budget. MTI Edge Metal is designed to accommodate the depth of the Sure Cavity™ rainscreen drainage plane on vertical and non-draining terminations.



MTI Edge Metal accommodates the depth of the Sure Cavity™ rainscreen drainage plane

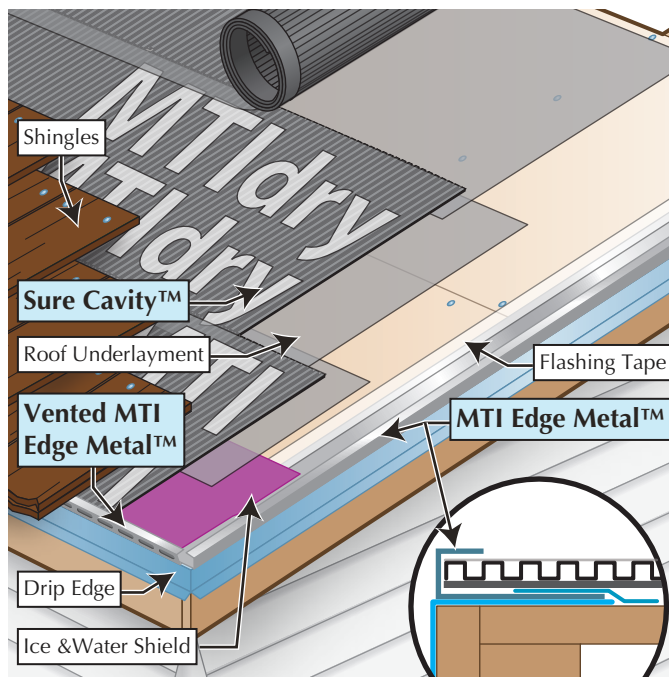
The MTI Advantage

- ✓ Accommodates Rainscreen Drainage Mat

Installation

- Roof Applications: install MTI Edge Metal™ on the roof rake or valleys to terminate the Sure Cavity™ rainscreen drainage plane
- Transitions: Install at vertical transitions between veneers to terminate the Sure Cavity rainscreen drainage plane

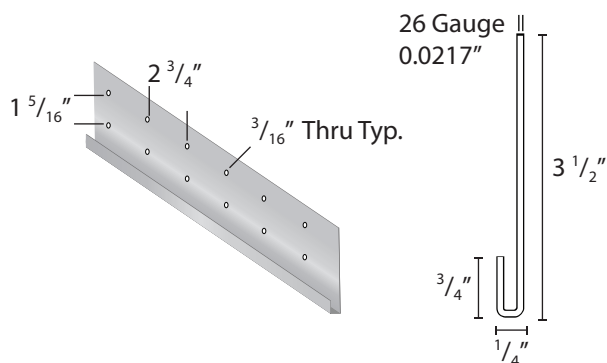
Complete Installation at MTIdry.com/installation



Technical Information

Material Description .0217" (26 Gauge) Cold Rolled Galvanized Steel

MTI Edge Metal MEM 3168



Related Products:

- MTI Vented Edge Metal™
- Sure Cavity™ Rainscreen

Piece 8 ft

Tube 104 ft / 13 pieces

Can be custom made in other metals upon request

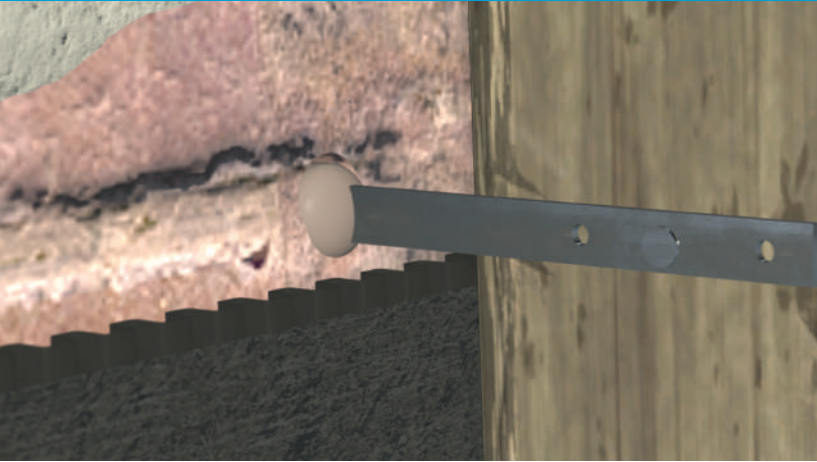
Questions about application, installation or ordering?
MTIdry.com/mti-edge-metal

MTI MASONRY
TECHNOLOGY
INCORPORATED

Retrofit Brick Tie™

RBT 7381

Fastened to Wood Studs From Interior



Applications

- ✔ Brick Restoration

Retrofit Brick Tie used in post-flood rainscreen application

Interior-Installed Retrofit Brick Tie

The Retrofit Brick Tie was developed for restoring flooded homes. The Retrofit Brick Tie allows the brick veneer to be anchored to the stud framing from the interior.



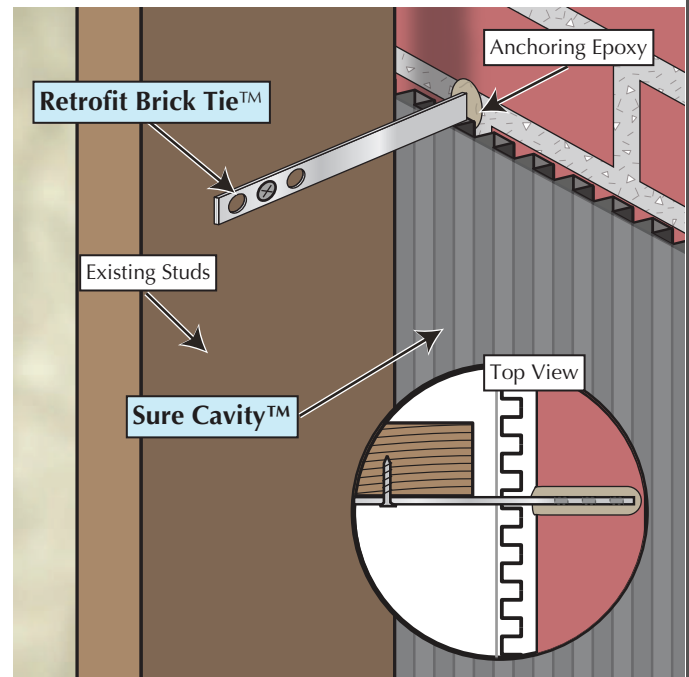
The Retrofit Brick Tie features holes for attachment to studs and embedding in epoxy

The MTI Advantage

- ✔ Easy Interior Installation
- ✔ Retrofit Applications
- ✔ Accommodates Depth of Brick, Cavity & Sheathing

Installation

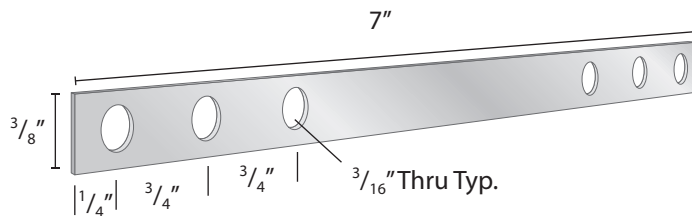
- From the interior drill a 2" deep, $\frac{3}{8}$ " diameter hole in mortar joint next to studs. Clean dust and debris from hole
- Fill mortar joint hole with anchoring epoxy
- Insert Retrofit Brick Tie™ in epoxy and fasten to stud
- Install Retrofit Brick Ties every 16" vertically on studs



Technical Information

Material 22 gauge stainless steel 304-2b
Description

Retrofit Brick Tie RBT 7381



Related Products:

- Sure Cavity™ Rainscreen

Questions about application, installation or ordering?
MTIdry.com/retrofit-brick-ties

MTI MASONRY
TECHNOLOGY
INCORPORATED

Window Drainage Plane™

WDP 5000

Sub Sill Drainage

Applications

- ✓ Stucco, Thin Stone or Brick
- ✓ Natural Stone
- ✓ Full Brick

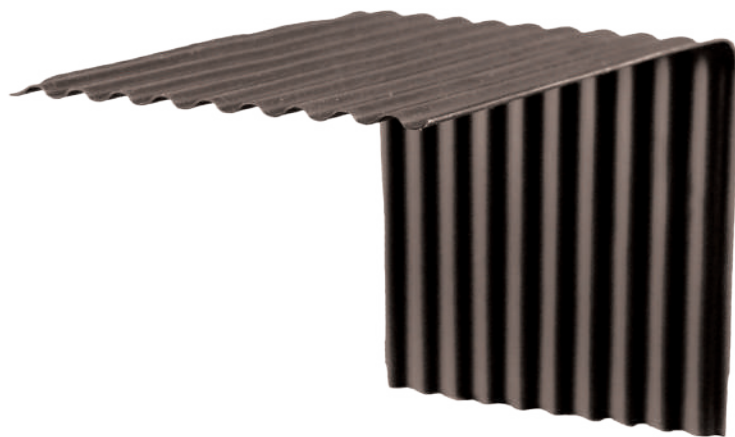
The Window Drainage Plane creates an air gap on the flashed window sill

Drain Moisture Below Windows

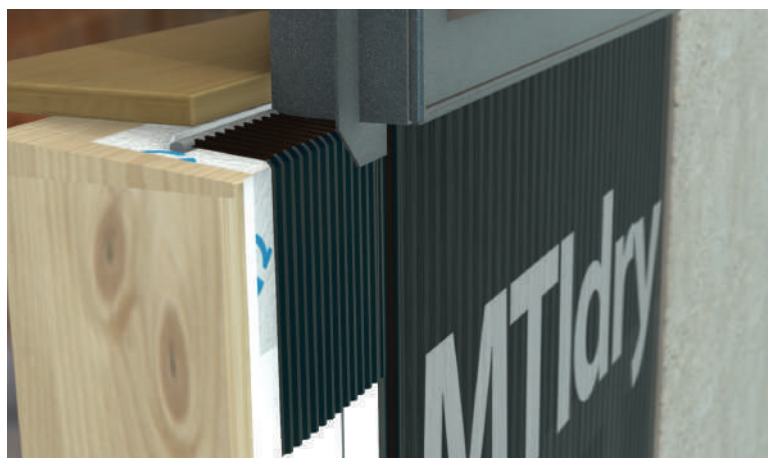
The sub sill region of windows is an especially moisture-sensitive area. MTI's Window Drainage Plane™ allows moisture to escape before it can cause problems.

The MTI Advantage

- ✓ Creates a Drainage Plane in the Sub Sill Region of a Rough Opening
- ✓ Rigid & Durable
- ✓ 100% Recycled Content



Corrugations create a gap for drainage in window sub sill

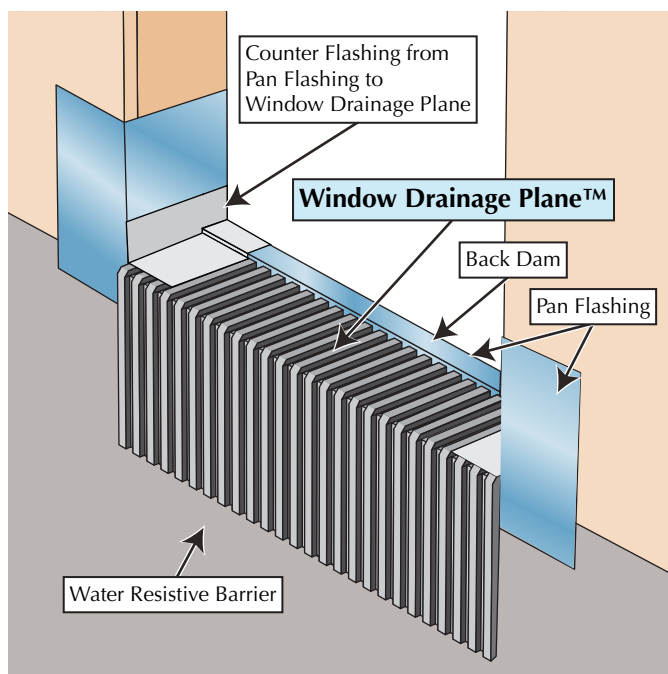


Drainage channels in window sub sill drain moisture into rainscreen drainage plane

Installation

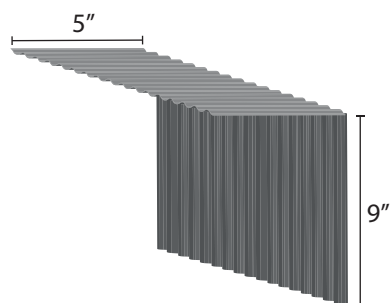
- Prepare bottom of window rough opening with proper slope-to-drain surface
- Cut and place Window Drainage Plane™ on prepared surface at bottom of window; hold in place with dabs of construction adhesive
- Flash window rough opening & install window according to window manufacturer's instructions

Complete Installation at MTIdry.com/installation

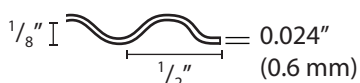


Technical Information

Material Description	High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.		
UV Exposure	Over 9 weeks in accelerated UV testing (ASTM G 154)	Fungi Resistance	Does not support fungal growth (ASTM C 1338)



Window Drainage Plane WDP 5000



Related Products:

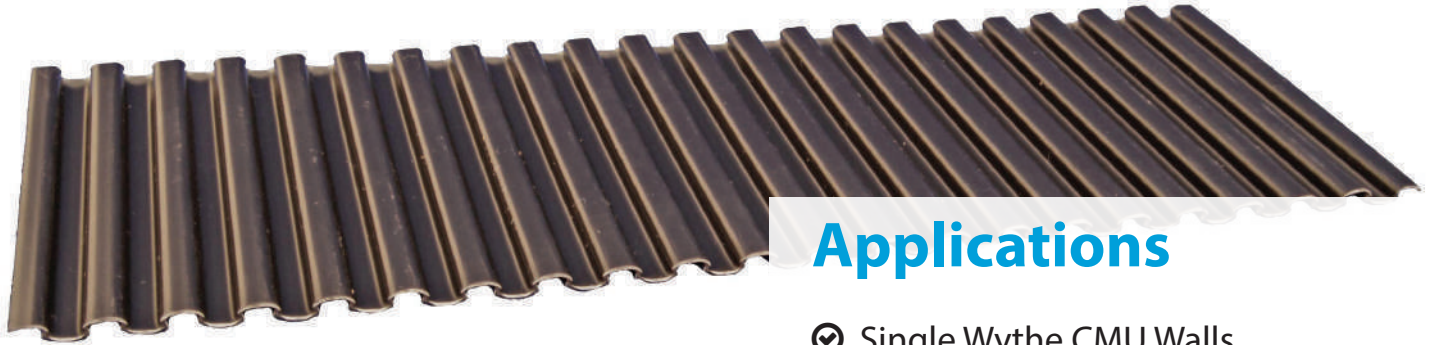
- Sure Cavity™ Rainscreen
- Moisture Diverter™

Piece	4 ft
Bundle	40 ft / 10 pieces
Box	240 ft / 60 pieces

Questions about application, installation or ordering?
MTIdry.com/window-drainage-plane

MTI MASONRY
TECHNOLOGY
INCORPORATED

Prevents Mortar Build-Up in The Bottom of CMU Cores



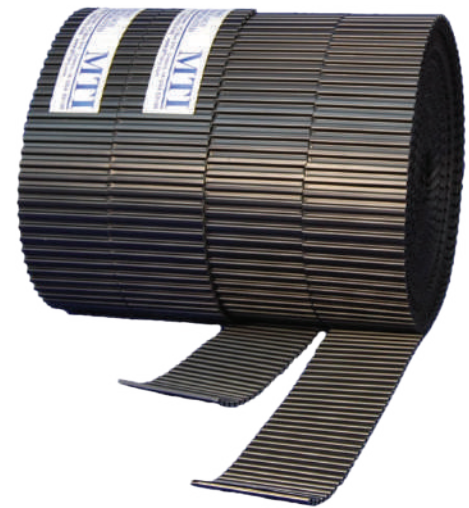
Applications

- ✔ Single Wythe CMU Walls
- ✔ CMU Veneers

Mortar Belt is a no-fuss solution to prevent trash mortar accumulation on weeps in block cores

Ensuring A Drainage Path in CMU Cores

Keep your weeps working well by keeping a clear path for drainage in CMU cores with Mortar Belt. Mortar Belt rolls out quickly on top of masonry units and holds trash mortar squeezings away from weeps. Mortar Belt keeps your walls draining and crew working efficiently.



Mortar Belt bundles contain four 50 ft rolls

The MTI Advantage

- ✔ Catches & Holds Trash Mortar
- ✔ Protects Drainage Path to Weeps
- ✔ Easy to Install
- ✔ 100% Recycled Content

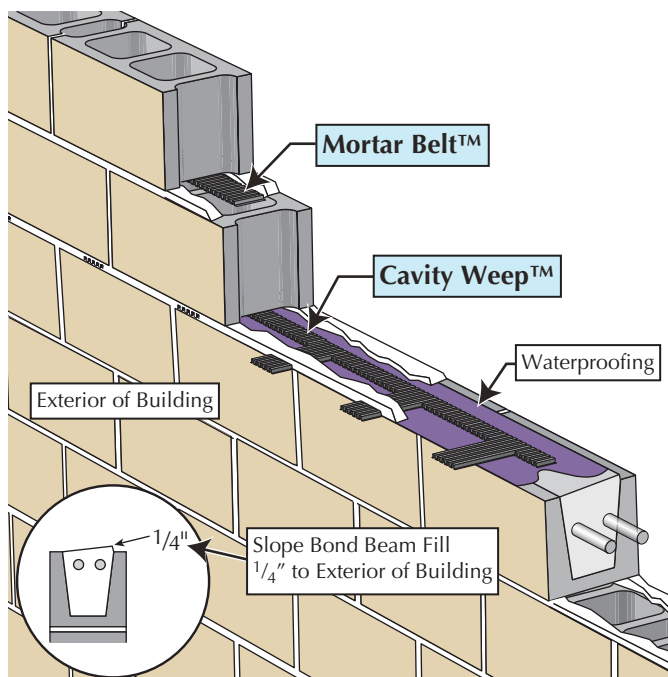


Mortar Belt installed in center of CMUs

Installation

- Center Mortar Belt™ on CMU wall every 4 to 6 courses
- Caution - Mortar Belt should only be used with masonry unit cells that are at least 5" wide

Complete Installation at MTIdry.com/installation

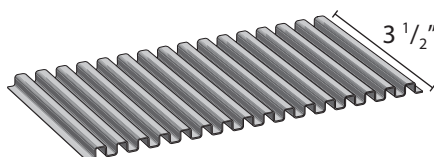
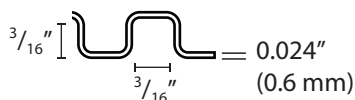


Technical Information

Material Description

Corrugated plastic made of 0.6 mm pre-consumer recycled high-impact polystyrene .

Mortar Belt MB 3550



Related Products:

- Cavity Weep™
- Vent Mat™

Roll	50 ft
Bundle	200 ft / 4 rolls
Box	800 ft / 4 bundles

Questions about application, installation or ordering?
MTIdry.com/mortar-belt

MTI MASONRY
TECHNOLOGY
INCORPORATED

Ventilation for Brick Shelf Angles



Applications

- ☑ Full Brick

Vent Strip is installed on the bottom side of shelf angles, and mortar is tuck pointed below Vent Strip on top course of brick

Ventilation: Your Wall's Drying Engine

Drainage removes bulk liquid moisture from a wall, but a little moisture can still do a lot of damage. The key to drying out a wall assembly is to ventilate the rainscreen drainage gap. Vent Strip ventilates a brick cavity wall below the shelf angle to keep your walls dry and sustainable.

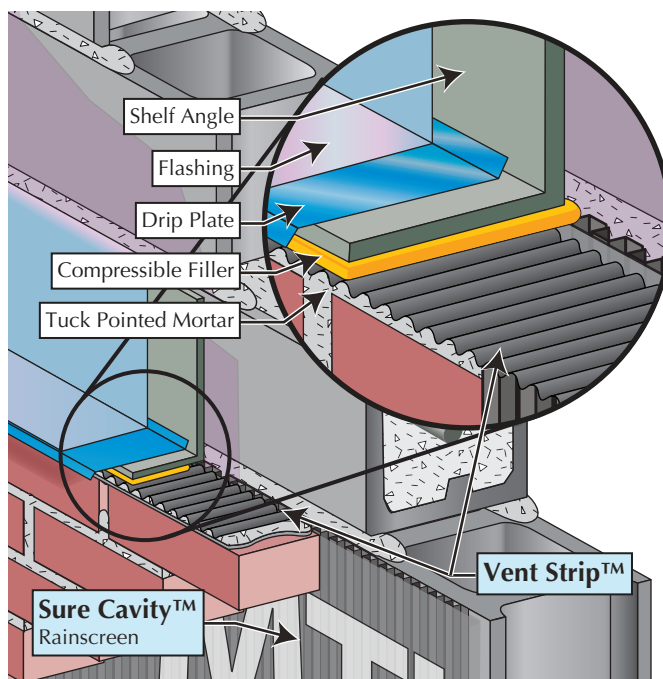
The MTI Advantage

- ☑ Maintains Airflow Passage at Top of Brick Veneer Wall Section
- ☑ Easy to Install
- ☑ 100% Recycled Content

Installation

- Adhere compressible filler (expansion strip) to the bottom of the shelf angle
- Install 4 9/16" Vent Strip™ with back edge of Vent Strip abutting the fabric face of the Sure Cavity™ and front edge extending approximately 1" past the front edge of shelf angle expansion material. Hold in place with dime size dabs of adhesive.
- Install course of brick below Vent Strip and tuck point in mortar between Vent Strip and brick.
- Tool joint and cut excess Vent Strip off while mortar is still plastic

Complete Installation at MTIdry.com/installation



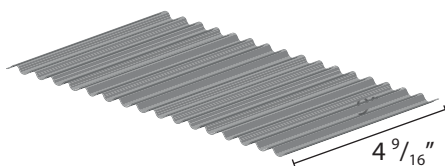
Technical Information

Material Description

Corrugated plastic made of 0.6 mm pre-consumer recycled high-impact polystyrene .

Vent Strip VS 3845

1/8" I
1/2" = 0.024"
(0.6 mm)



Related Products:

- Head Joint Weep™
- Sure Cavity Rainscreen™

Field-trim to appropriate width for masonry unit & cavity dimensions

Roll	50 ft
Bundle	150 ft / 3 rolls
Box	900 ft / 6 bundles

Questions about application, installation or ordering?
MTIdry.com/vent-strip

MTI MASONRY
TECHNOLOGY
INCORPORATED

For Dry Basements



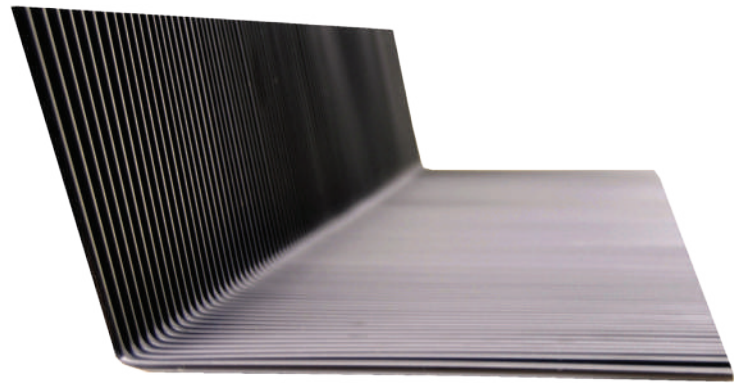
Applications

- ✓ Interior Below Grade
- ✓ Soffit Ventilation for Brick & Stone

Floor Edging allows water to pass below the slab to the drain tile & drain field and out through a sump pump

Keep Basements Dry With MTI

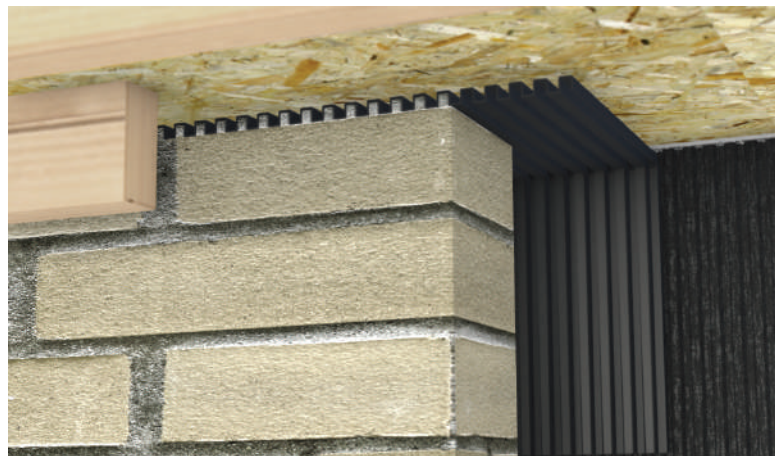
Damp and dreary basement? Transform it into a comfortable living space with MTI's basement systems. Floor Edging separates the floor from walls and footings, creating a path for moisture to pass under the slab and to the drain field & drain tile system.



4' sections of Floor Edging are easy to install in new & renovated basements

The MTI Advantage

- ✓ Prevents Callbacks
- ✓ Foolproof Installation
- ✓ Reduces Shrinkage Cracks
- ✓ Separates Slab from Walls & Substrate to Prevent Moisture & Thermal Transfer
- ✓ Installed in Over 300,000 Basements
- ✓ 100% Recycled Content
- ✓ New Construction & Retrofits

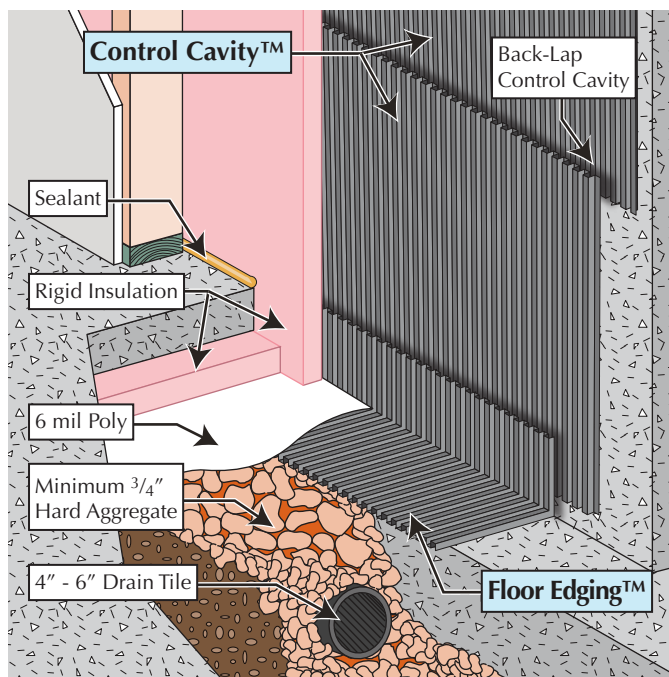


Floor Edging can be used in brick & stone soffit details to vent the rainscreen air gap

Installation

- Layout Floor Edging™ overlapping ends approximately 2"
- Fabricate inside and outside corners out of Floor Edging with common utility knife
- Select proper floor elevation with story pole or snap chalk line – top edge of Floor Edging must be a minimum of 1" higher than top edge of concrete
- Cover Floor Edging and drain field with poly sheet and pour concrete floor
- For soil gas control use sealant on seams of Floor Edging & Control Cavity (or rigid insulation)

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

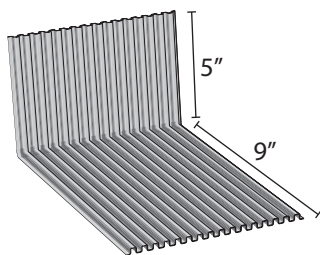
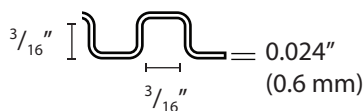
UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Floor Edging FE 8555



Related Products:

- Control Cavity™
- Vent Mat™

Piece	4 ft
Bundle	40 ft / 10 pieces
Box	240 ft / 60 pieces
Pallet	2,400 ft / 600 pieces

Questions about application, installation or ordering?
MTIdry.com/floor-edging

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TECHNOLOGY
INCORPORATED

Interior Below Grade Drainage Plane

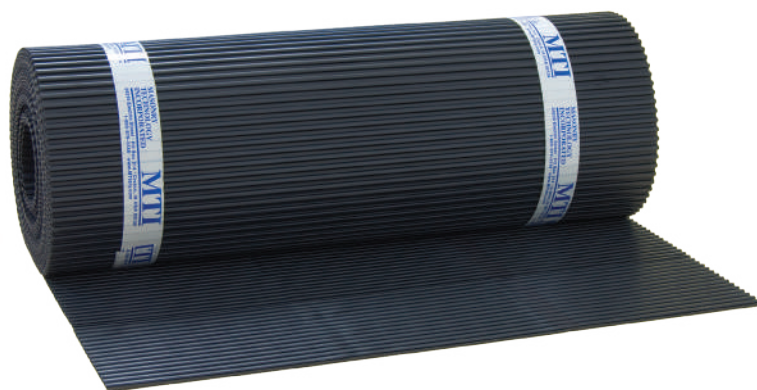
Applications

- ☑ Interior Below Grade

Control Cavity and Floor Edging create a path for moisture to the drain field, drain tile & sump pump

Keep Basements Dry With MTI

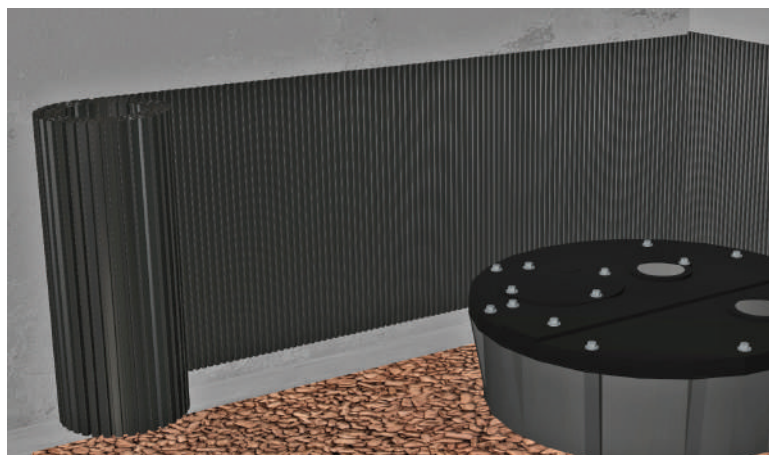
Damp and dreary basement? Transform it into a comfortable living space with MTI's basement systems. Control Cavity maintains a separation between the masonry walls and moisture sensitive materials of finished walls and directs water to the drain field.



31.5" rolls of Control Cavity are installed on below grade masonry walls

The MTI Advantage

- ☑ Resists Temperature & Moisture Transfer
- ☑ Foolproof Installation
- ☑ Easily Trimmed With Utility Knife
- ☑ 100% Recycled Content
- ☑ New Construction & Retrofits

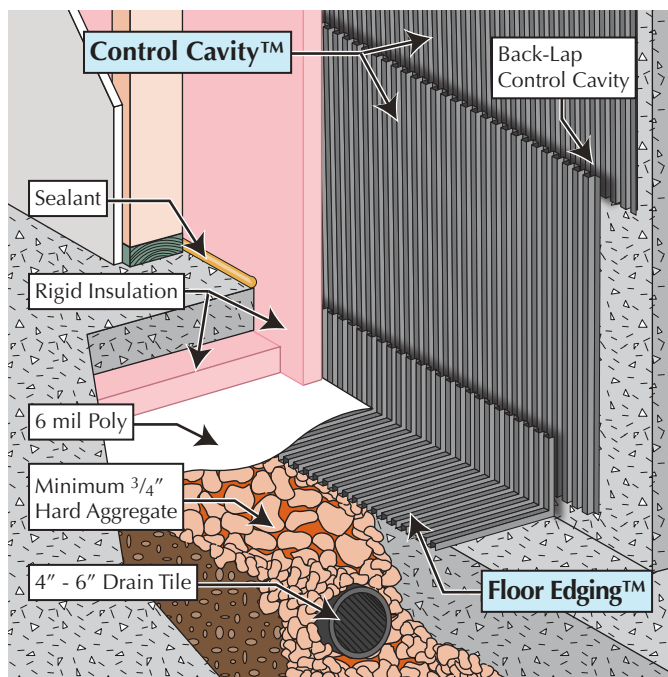


Control Cavity installed above the footing along below grade masonry walls

Installation

- Install Control Cavity™ with channel pattern running vertically
- Overlap all edges and ends a minimum of 1"
- Overlap horizontal edges shingle fashion to outside concrete or masonry substrate - upper sheet laps behind (back-laps) lower sheet
- Cover entire wall surface, top to bottom, in this fashion
- Mechanically fasten 24" on center with concrete nails or power fastener
- For soil gas control use sealant on seams of Control Cavity or rigid insulation

Complete Installation at MTIdry.com/installation



Notes: Masonry Technology Inc. recommends that all sump baskets, drain tile, and drain field systems be vented. If sump baskets, drain tile, and drain field systems are not vented, MTI recommends that top edge of Floor Edging™ be caulked or sealed off with appropriate material. Control Cavity™ shall not be used as a finished wall surface. Control Cavity™ should be covered with appropriate furring, insulation and finished interior wall materials. When an in-floor heating system is installed, a vented interior drain field and drain system must be installed to release under slab pressure.

Caution: Combustible. Protect from open flame and/or other items producing high heat. It is the buyer's responsibility to ensure that MTI materials are used in strict conformance with local building codes and regulations.

Technical Information

Material Description

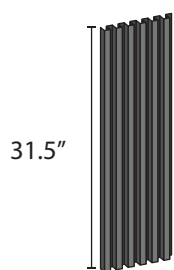
High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

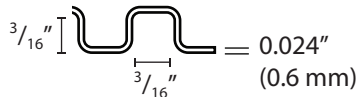
Over 9 weeks in accelerated UV testing (ASTM G 154)

Fungi Resistance

Does not support fungal growth (ASTM C 1338)



Control Cavity CC 4800



Depth (drainage gap)

$\frac{3}{16}$ in (5mm)

Roll Width

31.5"

Roll Length

50 ft

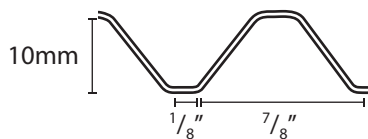
Roll Coverage

132 ft²

Pallet

4,224 ft²

10mm Control Cavity CC 4810



$\frac{3}{8}$ in (10mm)

31.5"

50 ft

132 ft²

4,224 ft²

Questions about application, installation or ordering?
MTIdry.com/control-cavity

MTI MASONRY
TECHNOLOGY
INCORPORATED

Weeps for Block Basement Walls



Applications

- ☑ Interior Below Grade

Vent Mat installed on footing to drain block cores

Drain Block Basement Walls to Stay Dry

Block basement walls are an economical choice but increase the risk of moisture penetration and damp basements. Vent Mat drains block cores into the drain field. Keep your basement dry with MTI's complete below grade moisture management systems.



Rolls of self-spaced weeps make installation fast & simple

The MTI Advantage

- ☑ Forms Bottom of Bed Joint of Mortar
- ☑ Creates Sixteen Weep Holes in Every Block
- ☑ Weeps at the Lowest Point of the Wall
- ☑ Weeps in Every Core
- ☑ Easy to Install Self-Spaced Weeps
- ☑ 100% Recycled Content

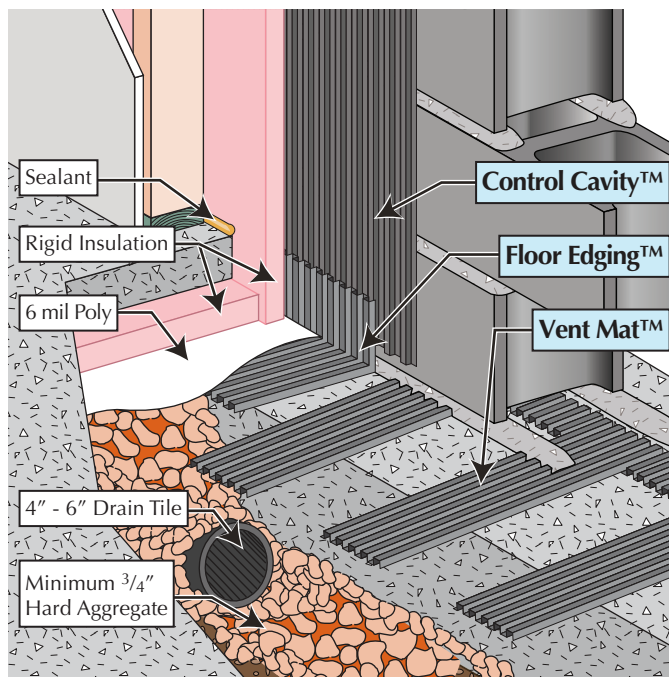


Vent Mat creates multiple weep tunnels in each block core

Installation

- Place Vent Mat™ on footings with continuous belt centered in block core and legs extending to the interior drain field
- Place bed joint of mortar on Vent Mat and lay masonry units

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

UV Exposure

Over 9 weeks in accelerated UV testing (ASTM G 154)

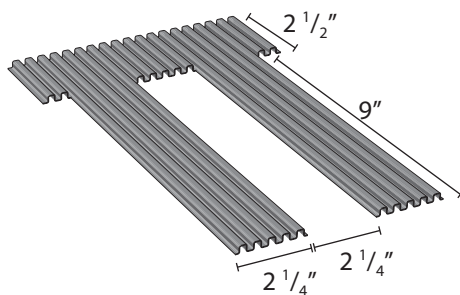
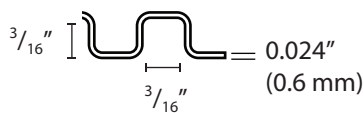
Fungi Resistance

Does not support fungal growth (ASTM C 1338)

Vent Mat VM 9025

Related Products:

- Floor Edging™
- Control Cavity™



Roll	25 ft
Bundle	50 ft / 2 rolls
Box	300 ft / 6 bundles
Pallet	2,400 ft

Questions about application, installation or ordering?
MTIdry.com/vent-mat

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TECHNOLOGY
INCORPORATED

Sump Basket

SF 30PR

High Capacity, Gas Tight



Applications

- ✓ Interior Below Grade

30" tall, 30 gallon capacity sump basket

Built Tough For The Long Haul

Make the most out of your sump system by using a large capacity sump basket that reduces sump pump motor cycling. Keep your basement dry with MTI's complete below grade moisture management systems.

The MTI Advantage

- ✓ Eliminates Constant Cycling
- ✓ Reduces Motor Burnout
- ✓ 3-Part Mechanically Attached Lid
- ✓ Access Panel for Sump & Electrical Supply
- ✓ Gas Tight Lid

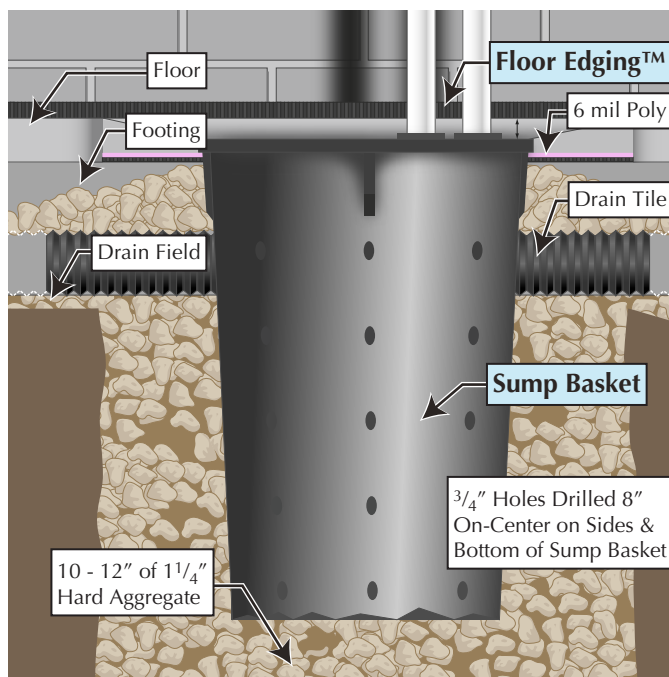


Gas tight sump basket lid features access ports

Installation

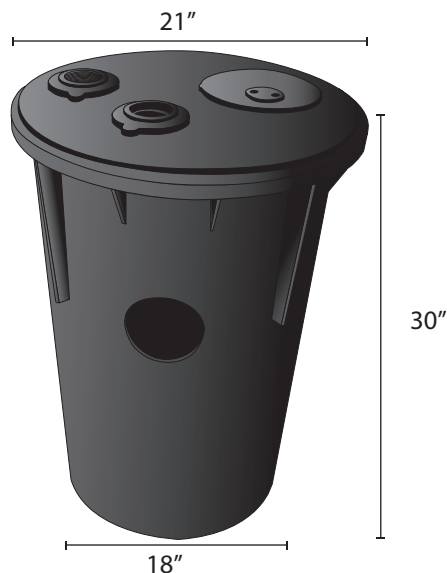
- Remove fill to 44" below floor level and prepare hole for sump basin by adding 10 - 12" of 1 1/4" hard aggregate
- Drill 3/4" holes every 8" on-center on sides & bottom of sump basket
- Place sump basket in hole, connect to drain tile system, and fill hole with 1 1/4" hard aggregate
- Install sump pump per manufacturer's instructions and seal gas tight sump basket lid
- Cover soil & aggregate with a 6 mil poly and pour concrete patch, sloped to sump basket lid

Complete Installation at MTIdry.com/installation



Technical Information

Material Description Injection molded high density structural foam



Sump Basket
SF 30PR

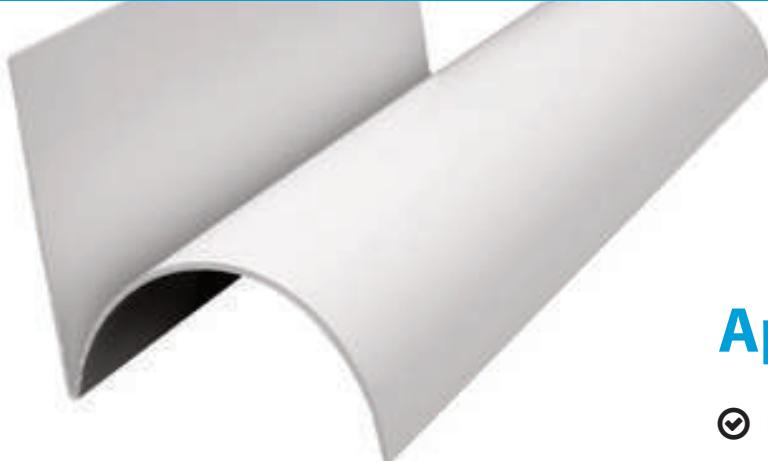
Related Products:

- Floor Edging™
- Control Cavity™

Questions about application, installation or ordering?
MTIdry.com/sump-basket

MTI MASONRY
TECHNOLOGY
INCORPORATED

Economical Wet Basement Renovation



Applications

- ☑ Interior Below Grade Retrofit

H-Cove creates a passageway for water to flow to the sump basket

Renovation Solution for Wet Basements

Transform your basement into a dry and healthy living space. H-Cove is installed around the perimeter to provide a passageway for water to flow to the sump pump.

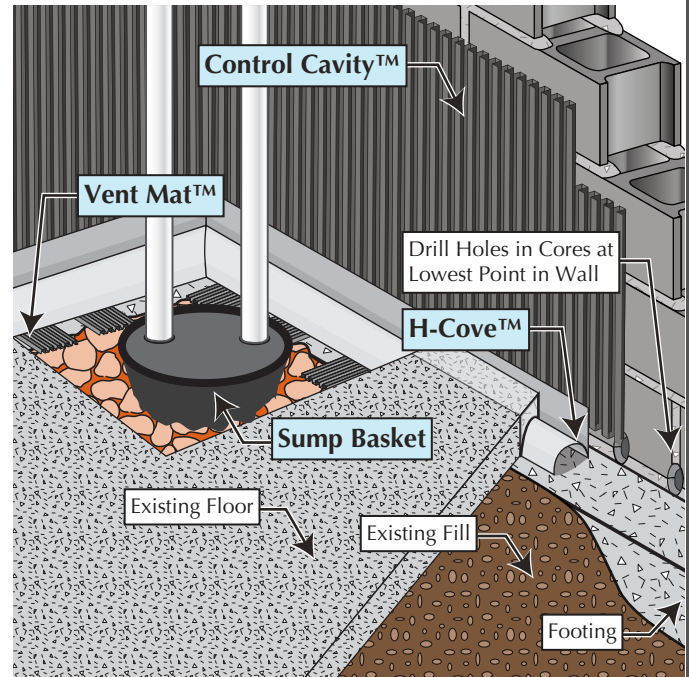
The MTI Advantage

- ☑ Saves Time & Money vs. Drain Field & Drain Tile Installation
- ☑ Easy to Install

Installation

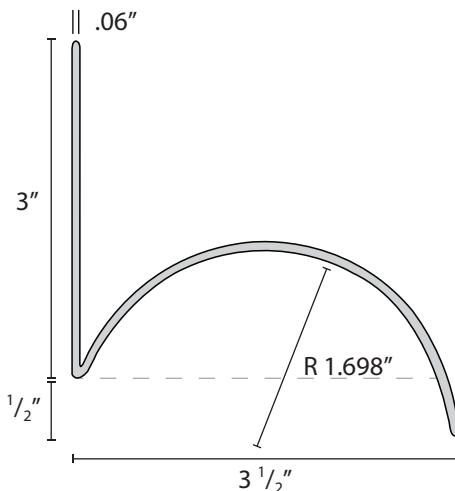
- Remove concrete floor around perimeter of slab and clean out all debris
- CMU walls only: Drill holes to penetrate all masonry block cores at lowest point of wall
- Install sump basket & sump pump per manufacturer's instructions
- Next to sump basket lay Vent Mat™ on footing to create drainage path from H-Cove™ to drain field. Cover drain field with 6 mil poly
- Install H-Cove by placing back flat against the Control Cavity on the foundation wall and front lip on the footing (back bottom lip will sit about 1/2" up from top of footing)
- Field fabricate 45° corner cuts with miter saw or utility knife and cover all connections with duct tape
- Repour concrete

Complete Installation at MTIdry.com/installation



Technical Information

Material Description .06" (1.523mm) thick rigid extruded PVC



H-Cove
HC 3504

Related Products:

- Floor Edging™
- Control Cavity™

Piece

4 ft

HC 3504

Questions about application, installation or ordering?
MTIdry.com/h-cove

MTI MASONRY TECHNOLOGY INCORPORATED

Stucco Corrugated Lath Strip™

SCLS 283

Rainscreen Strip For Stucco & Thin Stone

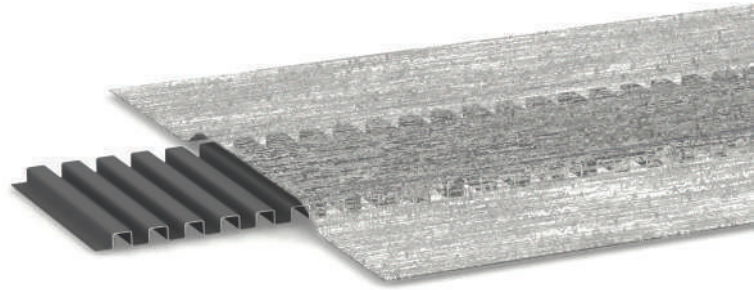
Applications

- ✔ Stucco
- ✔ Adhered Thin Stone
- ✔ Adhered Thin Brick

Stucco Corrugated Lath Strip used with the Corrugated Lath Starter Strip for rainscreen drainage behind stucco

Low Cost, Easy to Install Rainscreen Technology

Remove stucco off the water resistive barrier with the Stucco Corrugated Lath Strip. The lightweight rolls quickly install over the wall and provide a ventilated air gap for drainage and drying.



The Stucco Corrugated Lath Strip features a scratch coat blocking fabric and rigid channels for ventilation

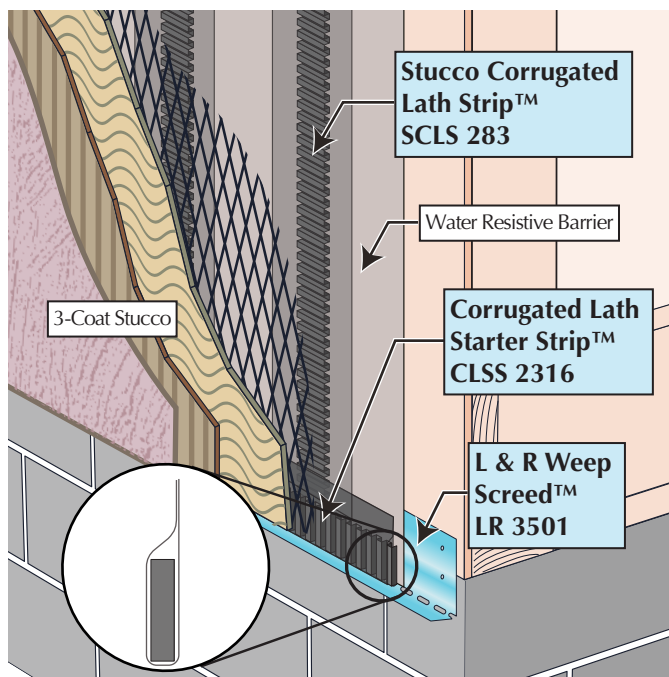
The MTI Advantage

- ✔ Creates Rainscreen Air Gap
- ✔ High Compressive Strength
- ✔ Easy to Install
- ✔ 100% Recycled Content

Installation

- Install Stucco Corrugated Lath Strip™ over the water resistive barrier
- Align with framing or fastening pattern of lath
- Attach with staples or other mechanical fasteners
- Install lath, scratch coat and veneer per manufacturer's specification

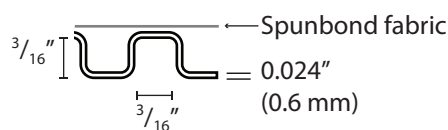
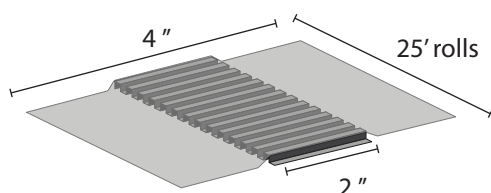
Complete Installation at MTIdry.com/installation



Technical Information

Material Description	High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations with an adhered spun-bond polypropylene fabric.		
UV Exposure	Accelerated UV testing (ASTM G 154)	Fungi Resistance	Does not support fungal growth (ASTM C 1338)

Stucco Corrugated Lath Strip SCLS 283



Depth (drainage gap)	$\frac{3}{16}$ in (5mm)
Roll	25 ft
Box	600 ft / 24 rolls
Pallet	12,000 ft

Questions about application, installation or ordering?
MTIdry.com/stucco-corrugated-lath-strip

MTI MASONRY
TECHNOLOGY
INCORPORATED

Corrugated Lath Strip™

CLS 2316

Rainscreen Strips For Siding

Applications

- ✓ Fiber Cement Siding
- ✓ Composite Siding
- ✓ Real Wood Siding

Corrugated Lath Strip installed over studs creates an air gap for drainage & ventilation behind siding

An Air Gap Protects You Against Moisture

Create a predictable air gap behind siding & cement board with Corrugated Lath Strip from MTI and stay dry.



Corrugated Lath Strip creates a 3/16" air gap

The MTI Advantage

- ✓ Creates Rainscreen Air Gap
- ✓ High Compressive Strength
- ✓ Easy to Install
- ✓ 100% Recycled Content

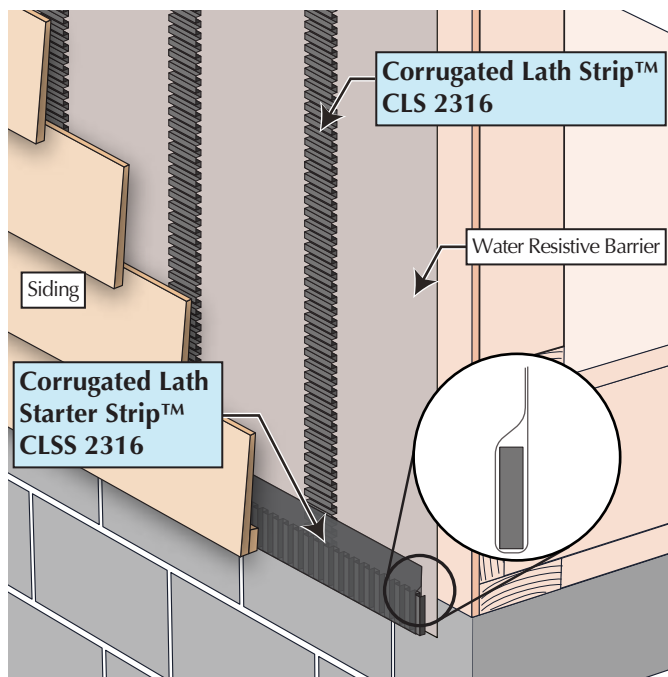


Bundled in 50' rolls - can be trimmed with a utility knife

Installation

- Install Corrugated Lath Strip™ over the water resistive barrier
- Align with framing or fastening pattern of siding
- Attach with staples or other mechanical fasteners
- Install exterior siding or exterior rigid foam insulation per manufacturer's specification

Complete Installation at MTIdry.com/installation



Technical Information

Material Description

High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations.

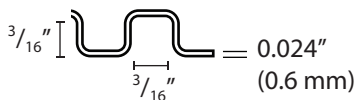
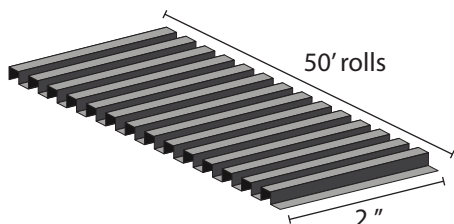
UV Exposure

Accelerated UV testing
(ASTM G 154)

Fungi Resistance

Does not support fungal growth
(ASTM C 1338)

Corrugated Lath Strip CLS 2316



Depth (drainage gap)

3/16 in (5mm)

Roll

50 ft

Box

1,600 ft / 32 Rolls

Pallet

32,000 ft

Questions about application, installation or ordering?
MTIdry.com/corrugated-lath-strip

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TECHNOLOGY
INCORPORATED

Corrugated Lath Starter Strip™ CLSS 2316

Rainscreen Starter Strip & Bug Screen

Applications

- ✓ Fiber Cement Siding
- ✓ Composite Siding
- ✓ Real Wood Siding

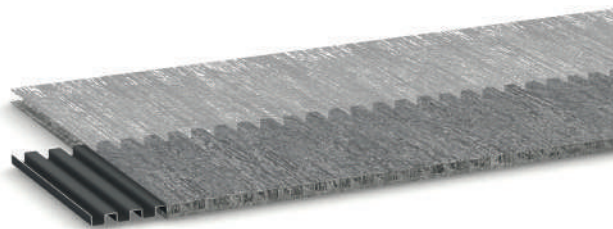
Corrugated Lath Starter Strip terminates the ventilated rainscreen air gap with a bug screen

Time Saving Starter Strip & Bug Screen

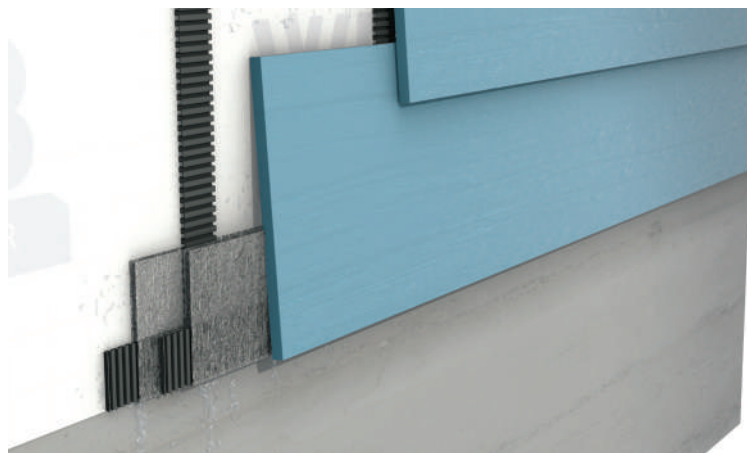
Corrugated Lath Starter Strip features an adhered fabric that lets water and air through while keeping bugs out. Can be doubled up to replace siding starter strip.

The MTI Advantage

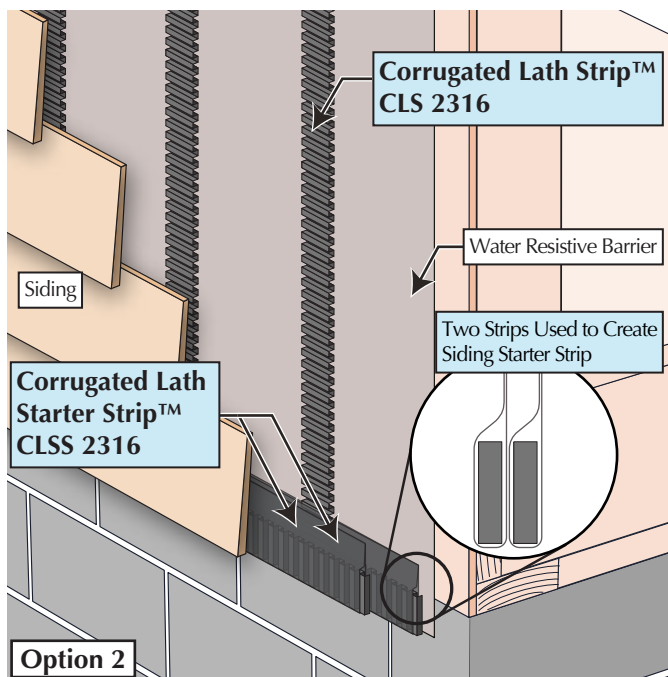
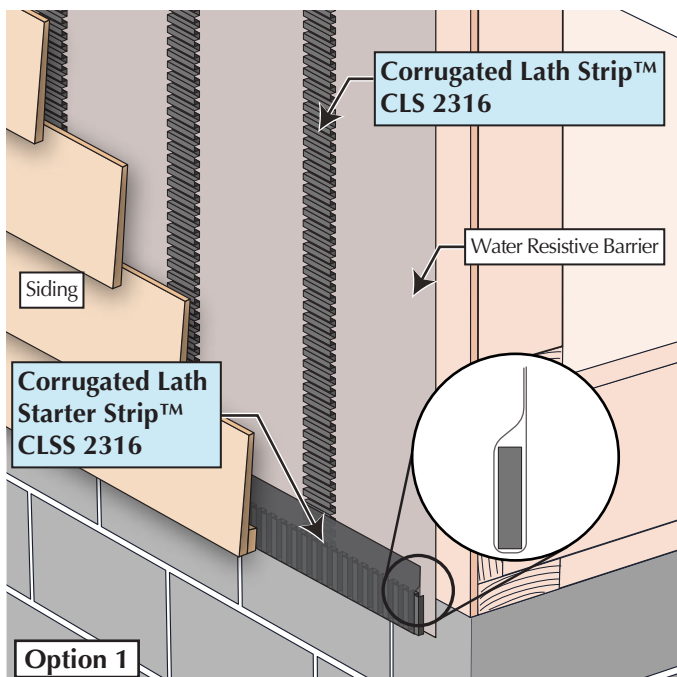
- ✓ Time Saving Starter Strip
- ✓ Integrated Bug Screen
- ✓ Creates Rainscreen Air Gap
- ✓ High Compressive Strength
- ✓ Easy to Install
- ✓ 100% Recycled Content



The Starter Strip creates a bug screen at the base of the wall around its 3/16" air gap



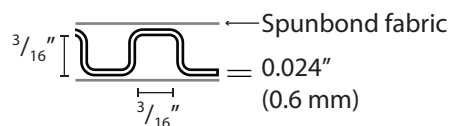
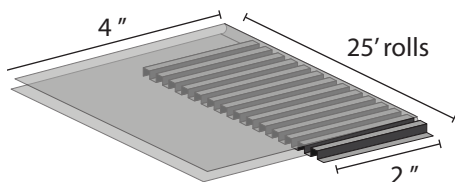
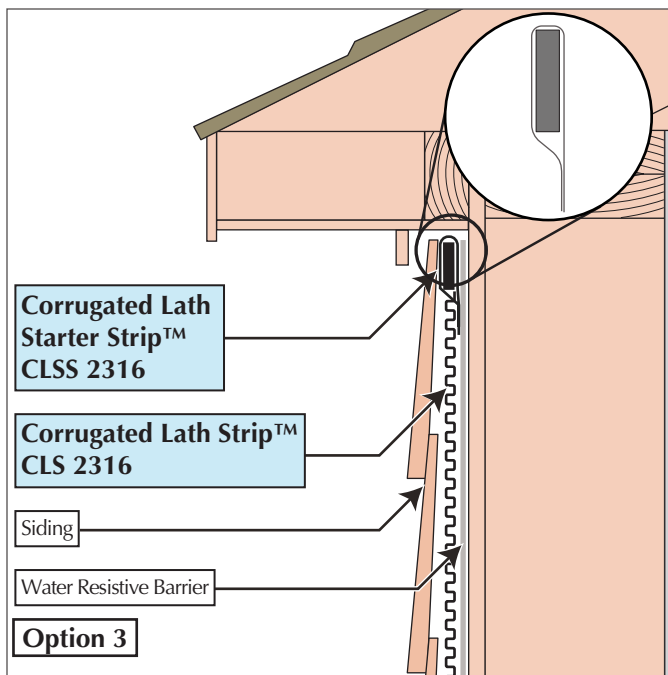
Starter Strip doubled up to replace the siding starter strip.



Technical Information

Material Description	High impact polystyrene sheets, 0.024 inch (0.6 mm) thick, formed with corrugations with an adhered spun-bond polypropylene fabric.
UV Exposure	Accelerated UV testing (ASTM G 154)
Fungi Resistance	Does not support fungal growth (ASTM C 1338)

Corrugated Lath Starter Strip CLSS 2316



Depth (drainage gap)

$\frac{3}{16}$ in (5mm)

Roll

25 ft

Box

600 ft / 24 rolls

Pallet

12,000 ft

Questions about application, installation or ordering?
MTIdry.com/corrugated-lath-starter-strip

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TECHNOLOGY
INCORPORATED

Fire-Rated Sure Cavity™

FRSC 5016
FRSC 5032

Fire-Rated Rainscreen Drainage Plane



Conforms to ASTM E84
Class A / Class 1 Fire Rating

Applications

- ✓ Fire-Rated Systems
- ✓ Stucco, Thin Stone or Thin Brick
- ✓ Natural Stone
- ✓ Full Brick
- ✓ Fiber Cement, Cedar Siding
- ✓ Roofing Applications

Fire-Rated Sure Cavity™ (FRSC 5016, FRSC 5032)

Why Fire-Rated Rainscreen?

No wall is waterproof. Today's "tighter" buildings increase the risk of moisture and mold problems that rainscreen systems greatly reduce by enabling moisture to swiftly exit the building envelope. Municipalities are increasingly requiring fire-rated walls for multi-story residential structures. Fire-rated rainscreens are inexpensive insurance to mitigate the risk of wall failure and meet stringent building codes.



Rigid channels don't compress, creating predictable drainage

The MTI Advantage

- ✓ Fire-Rated Sure Cavity™ Conforms to ASTM E84, Class A / Class 1
- ✓ Unobstructed Drainage
- ✓ Vapor Permeable for Full Ventilation
- ✓ Resists Compression, Reduces Waviness
- ✓ Cut Install Time by 50% (vs. furring strips)
- ✓ Mortar Blocking Fabric & Bug Screen
- ✓ 20 Year Warranty



Thin Stone with Fire-Rated Sure Cavity™ rainscreen drainage plane

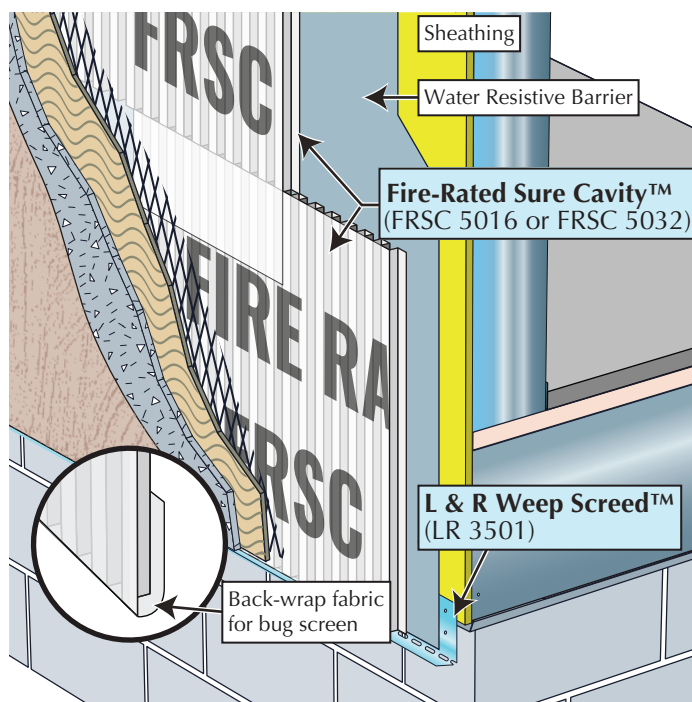
MTI MASONRY
TECHNOLOGY
INCORPORATED

December 2022

Detail Drawings • Free Consultation • Videos
info@mtidry.com 800-879-3348 MTIdry.com

Installation

- Install Fire-Rated Sure Cavity™ rainscreen outboard of water resistive barrier. Mortar-blocking fabric faces installer.
- Back-wrap 4" fabric skirt to create bug screen on the lowest course. 4" fabric skirt will lap shingle fashion in subsequent courses.
- Corrugated material to be butted at seams. Do not overlap corrugated material. It is not necessary to align channels. Wrap rainscreen around corners and extend to nearest structural member.
- Fasten every 24" on-center with a hammer stapler over nailable surfaces. On masonry backup walls use dime-size dabs of adhesive to hold in place. Installing lath or veneer will ultimately sandwich rainscreen in place.



Complete installation at MTIdry.com/installation

Technical Information

Material Description

Perforated and corrugated spunbond polyester body with an adhered spunbond polyester fabric.

Fire Rating

ASTM E84, Class A / Class 1

Water Vapor Transmission

23.9 grains/hr·ft² (ICC-ES AC48)

Permeability

266 perm·inch (ASTM E96)

Fungi Resistance

Growth rating = Less growth compared to (control) material passing results

Compressive Strength

10% Displacement = 6.90 psi

Vapor Permeance

57.8 US Perms (ICC-ES AC48)

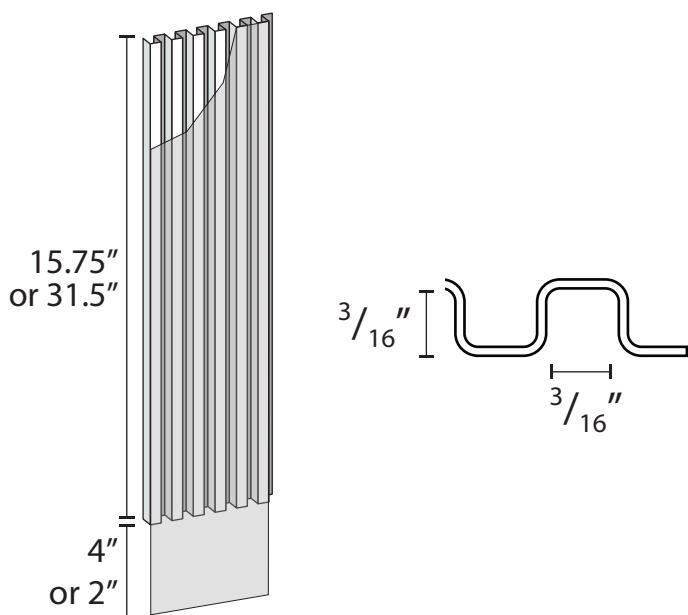
Modulus of Elasticity

107.3 psi

Fire-Rated Sure Cavity™

FRSC 5016, FRSC 5032

For Fire-Rated Systems



FRSC 5016 has a 2" skirt

	FRSC 5016	FRSC 5032
Depth (drainage gap)	$\frac{3}{16}$ in (5mm)	
Roll Length	50 ft	
Roll Width	15.75 in	31.5 in
Roll Coverage	66 ft²	132 ft²
Pallet	4,224 ft²	4,224 ft²

Questions about application, installation or ordering?
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