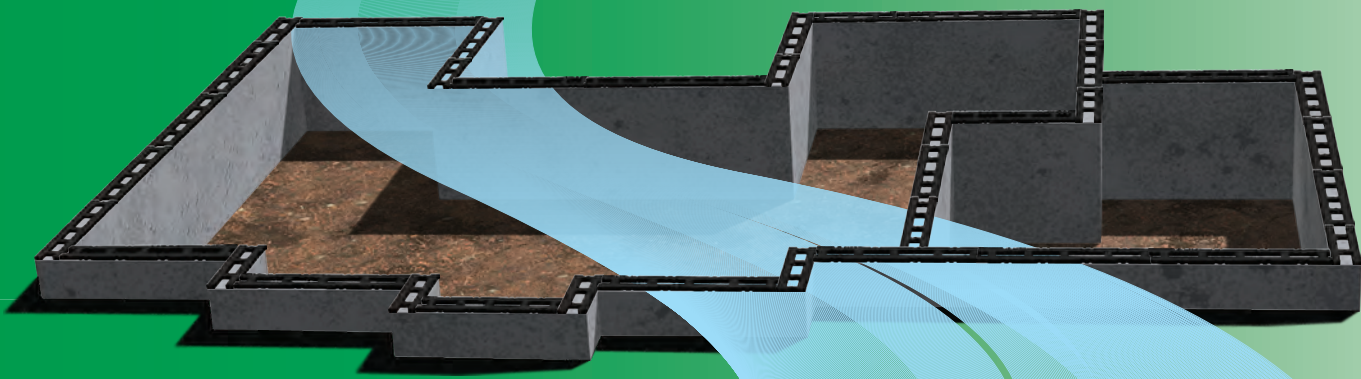




Joto-Vent System[®]

CLEAN LOOK | STRUCTURAL INTEGRITY | NATURAL AIR FLOW



- Eliminates Stagnant Air in the Crawl Space
- Provides a Clean Architectural Look
- Prevents Rodent Access
- WUI Compliant Option Available



No Unsightly Vent Box

The Joto-Vent System removes all penetrations through the concrete or structural framework of the rim board.

CONTINUOUS PERIMETER FOUNDATION VENTS

Maintain the life of your home with the Joto-Vent System®

The Joto-Vent perimeter venting system and its covering offer an efficient and low-profile ventilation solution for your crawl space.



Support Natural Air Flow & Ventilation

Installed around the complete perimeter of the crawl space foundation, the Joto-Vent System® maximizes cross ventilation and natural air flow, preserving the lifespan of your home's wooden frame.



Maintain Your Home's Structural Integrity

The Joto-Vent System® eliminates the need for vent holes installed in the concrete foundation or cut into the structural framework of the rim joist maximizing the strength & performance of your home's structure.



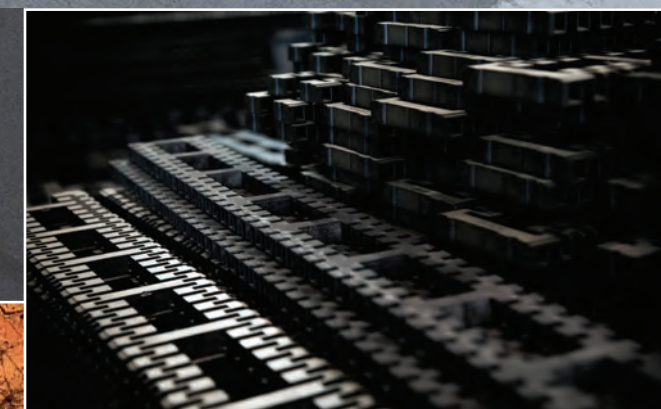
Get a Finished, Clean Architectural Look

The 2 part Joto-Vent System® includes the vent portion and the custom coverings that are installed over the vent, resulting in a clean visual look.



The Joto-Vent is made of "JC (Joto-Compound)", a composite material that consists of calcium carbonate, polyolefin resin and recycled plastics.

JC was awarded manufacturing patents in the United States and several European countries as a recycled resin heat treatment system called "Joto-process".



Compression testing shows. The sill plate will crush before crushing Joto-Vent.



1x6 Joto-Vent "KP-L150U" in conjunction with Architectural Covering "WACF-U45" complies with the performance requirements of ASTM E2886. According to California Building code, CBC and California Residential Code, CRC, Joto-Vent System may use in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within California State Responsibility Areas or any Wildland-Urban Interface Fire Area.

2 x 6 Joto-Vent System[®]

NFVA: 11.03 in²/ft

ICC
ES

Crawl Space

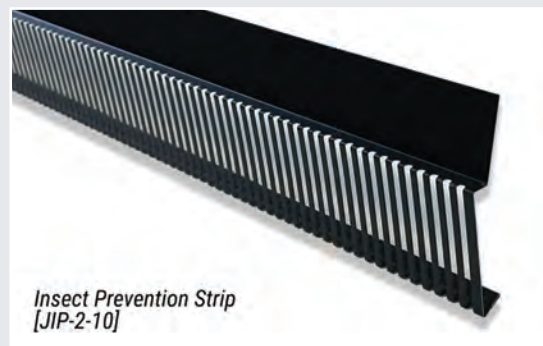


Rodent Free Zone

Option 1

Insect Prevention Strip ^{ICC ES}

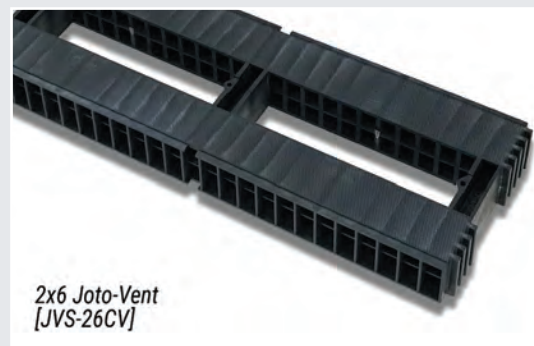
The Joto-Vent Insect Prevention Strip is a galvanized steel plate conforming to ASTM A792 called "galvalume". It has a minimum opening of 1/8 inch, which provides efficient underfloor ventilation while also providing an insect prevention. By combining with Z-Covering with smaller protruding dimensions (sold separately), it can minimize the impact on the aesthetic appearance while preventing deterioration of the bottom edge of the siding. This Insect Prevention Strip is ICC-ES approved.



Insect Prevention Strip
[JIP-2-10]

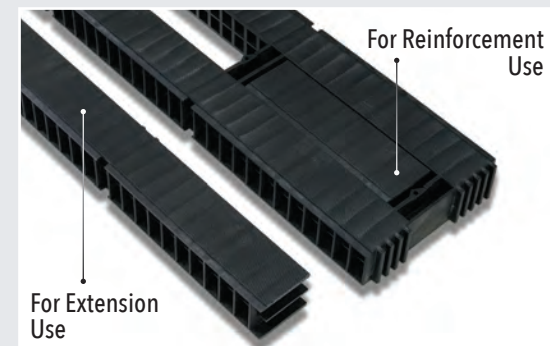
2 x 6 Joto-Vent ^{ICC ES}

The primary component of the Joto-Vent is a molded calcium carbonate and polyolefin resin composite. The Joto-Vent is placed between the concrete foundation wall and the wooden sill plate to provide natural airflow around and through the entire perimeter of the crawl space. The Net-Free Ventilation Area (NFVA) is 11.03 in²/ft. When installing, leave at least 1 inch of clearance between the foundation and the siding or the back of covering to avoid blocking underfloor ventilation.



2x6 Joto-Vent
[JVS-26CV]

By cutting this product and placing it sideways, it can prevent the cross-bending issues of the sill plate that may occur in the dropped floor application. By placing it into the space for the anchor bolts, it will also function as the Reinforcement-block against vertical load. (Contact us for details or our supporting letter for engineers.)



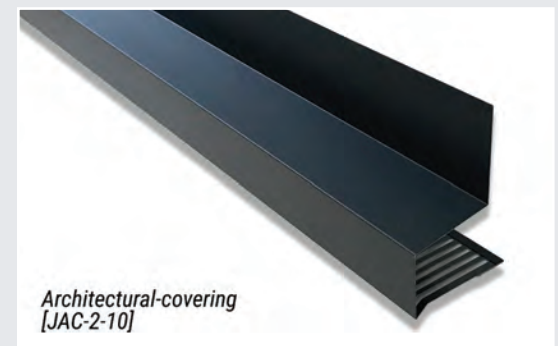
For Extension Use

For Reinforcement Use

Option 2

Architectural-covering ^{ICC ES}

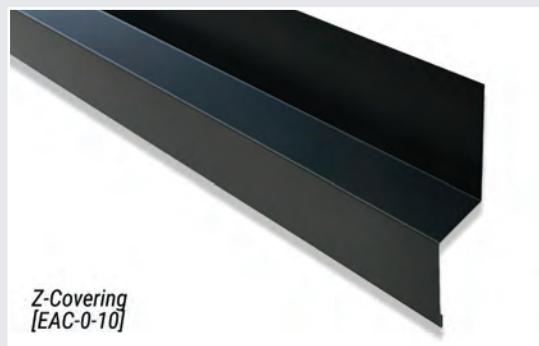
One of the components required for the Joto-Vent System[®]. The Joto-Vent Architectural Covering is a galvanized steel plate conforming to ASTM A792 called "galvalume". It acts as the cover for the Joto-Vent and the seat for the exterior wall sheathing. By installing it to the bottom edge of the wall, it acts as a drip edge to prevent deterioration of the siding. The slat opening on the back side plays a role as an insect prevention, the minimum opening is 1/8 inch, and it is approved by ICC-ES.



Architectural-covering
[JAC-2-10]

(Optional) Z-Covering

The Z-Covering is a galvanized steel plate conforming to ASTM A792 called "galvalume". With a 1-inch protrusion, it can maximize the ventilation performance of the 2x6 Joto-Vent.

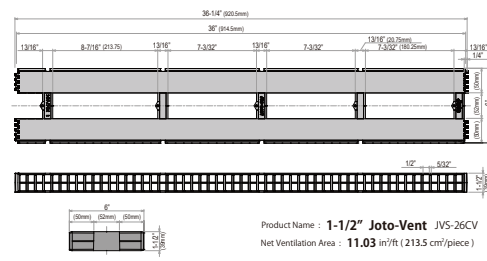
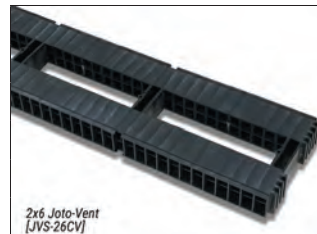


Z-Covering
[EAC-0-10]

2 x 6 Joto-Vent

Net-free ventilation are (NFVA) per 3' pc = .23 sq ft or 33 sq in.
Insect Prevention Strip is included in this calculation.

JVS-26CV



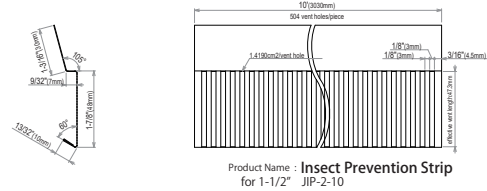
Product no.	JVS-26CV
Sill plate	2 x 6, 2 x 8
Color/pattern	Black
Dimensions	6" x 3' x 1-1/2" (150 x 914.5 x 39mm)
Material	JC
Operation temperature	-22 °F to +104 °F (-30 °C to +40 °C)
Package	8 pieces/box

TECHNICAL SPECIFICATION

- ICC-ES approved maximum allowable compression load for Joto-Vent JVS-26CV: 4,180 lb per L/F
- Complete ICC-ES report available at Joto-Vent.com

Insect Prevention Strip

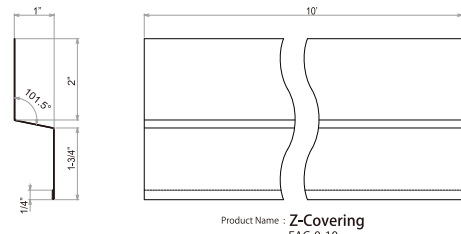
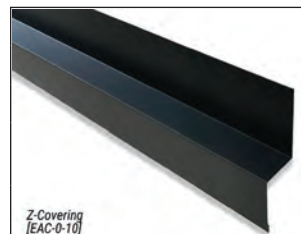
JIP-2-10



Product no.	JIP-2-10
Dimensions	10' (3,030mm)
Color	Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box
Min. ventilation opening	1/8 inch

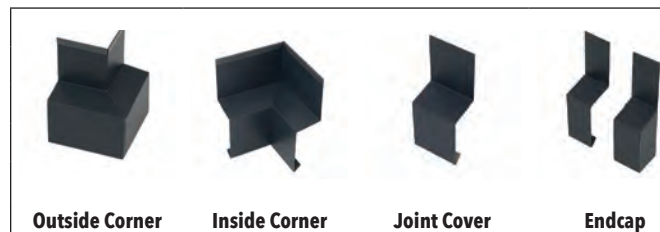
(Optional) Z-Covering

EAC-0-10



Product no.	EAC-0-10-WT/BK
Dimensions	10' (3,030mm)
Color	White/Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box

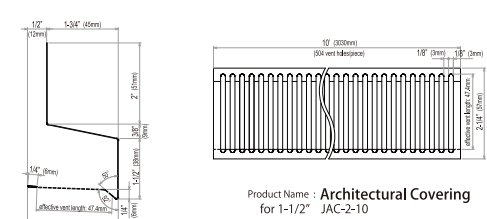
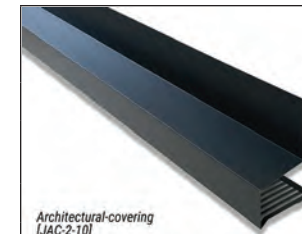
Accessories for EAC-0-10



	Product No	Package
Outside corner	EAC-0-CO-WT/BK	5 pieces/box
Inside corner	EAC-0-CI-WT/BK	5 pieces/box
Joint cover	EAC-0-JC-WT/BK	20 pieces/box
Endcap	EAC-0-EC-WT/BK	5 sets/box

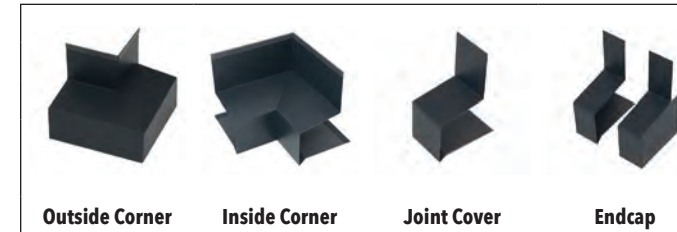
Architectural-covering

JAC-2-10



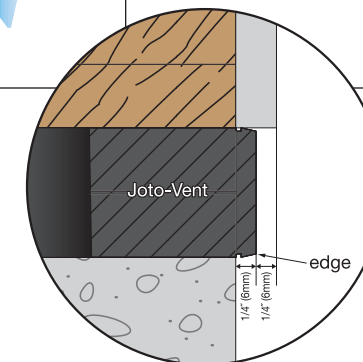
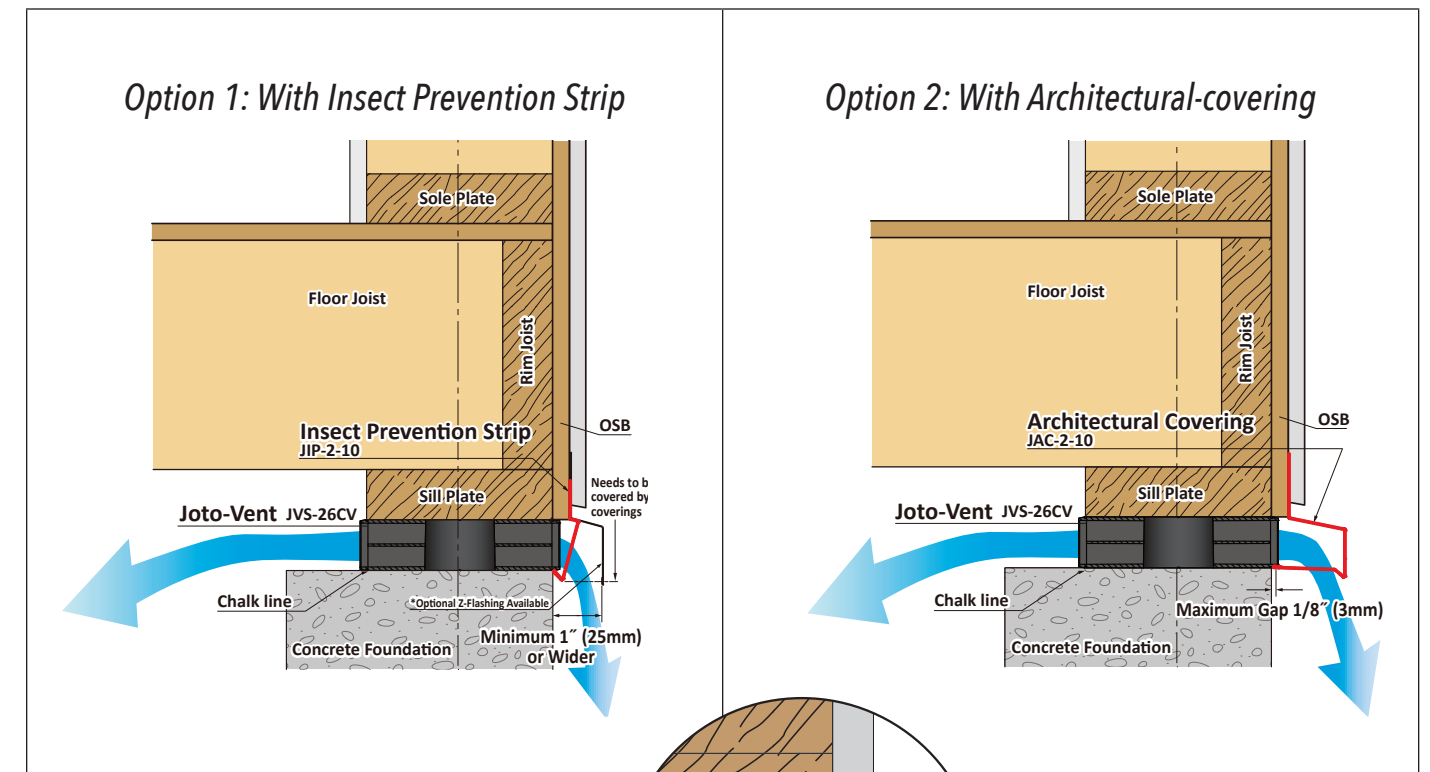
Product no.	JAC-2-10-WT/BK
Dimensions	10' (3,030mm)
Color	White/Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box
Min. ventilation opening	1/8 inch

Accessories



	Product No	Package
Outside corner	JAC-2-CO-WT/BK	5 pieces/box
Inside corner	JAC-2-CI-WT/BK	5 pieces/box
Joint cover	JAC-2-JC-WT/BK	20 pieces/box
Endcap	JAC-2-EC-WT/BK	5 sets/box

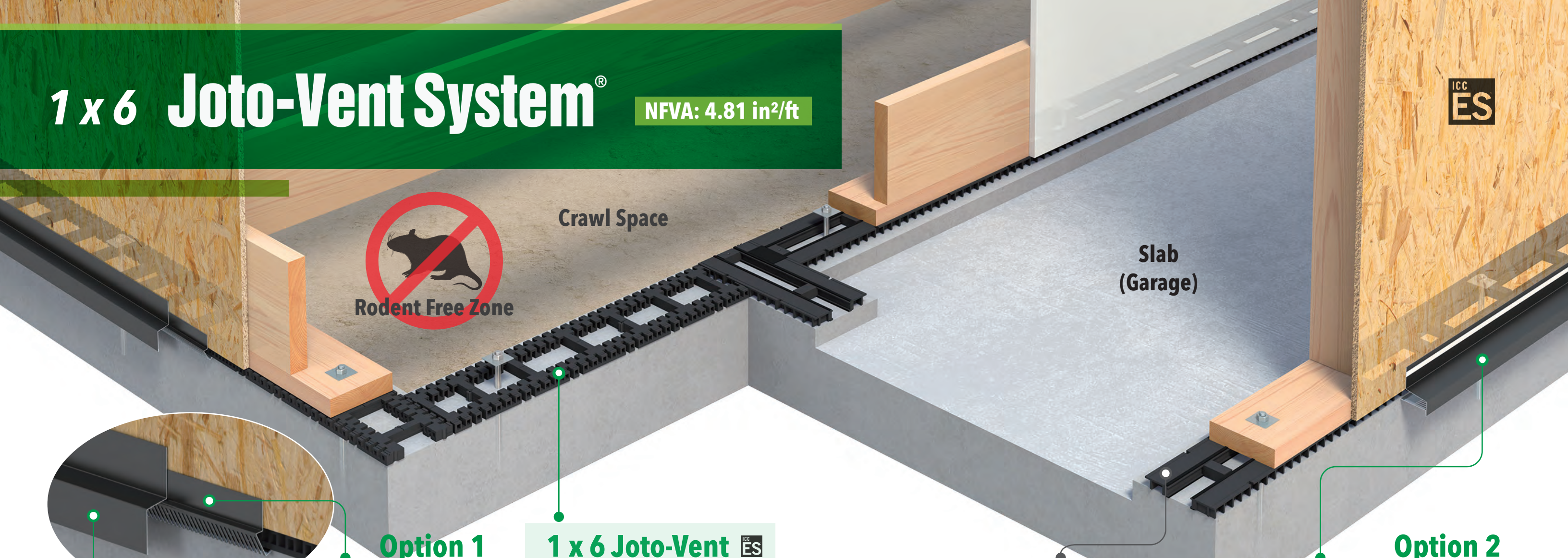
Installation Diagram



Correct installation: The edge of the Joto-Vent is slightly protruding from the foundation.

1 x 6 Joto-Vent System[®]

NFVA: 4.81 in²/ft



Crawl Space

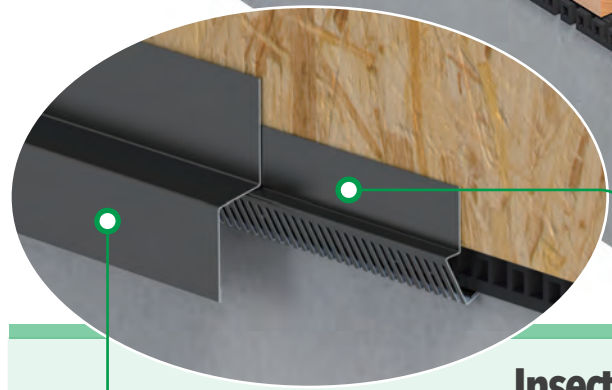
Slab
(Garage)

ICC
ES

Option 1

1 x 6 Joto-Vent ^{ICC ES}

Option 2



(Optional) Z-Covering

The Z-Covering is a galvanized steel plate conforming to ASTM A792 called "galvalume". With a 1-inch protrusion, it can minimize the impact on the aesthetic appearance.

Insect Prevention Strip ^{ICC ES}

The Joto-Vent Insect Prevention Strip is a galvanized steel plate conforming to ASTM A792 called "galvalume". It has a minimum opening of 1/8 inch, which provides efficient underfloor ventilation while also providing an insect prevention. By combining with Z-Covering with smaller protruding dimensions (sold separately), it can minimize the impact on the aesthetic appearance while preventing deterioration of the bottom edge of the siding. This Insect Prevention Strip is ICC-ES approved.

The primary component of the Joto-Vent is a molded calcium carbonate and polyolefin resin composite. The Joto-Vent is placed between the concrete foundation wall and the wooden sill plate to provide natural airflow around and through the entire perimeter of the crawl space. The Net-Free Ventilation Area (NFVA) is 4.81 in²/ft. When installing, leave at least 1/2 inch of clearance between the foundation and the siding or the back of covering to avoid blocking underfloor ventilation.

(Optional) Reinforcement-block ^{ICC ES}

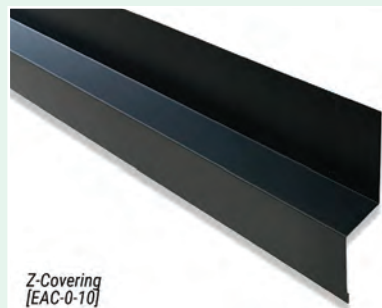
The primary use is to provide more reinforcement against the compression point at the foundation where a heavy vertical load from a post is applied. Consult with a structural engineer for advice on how best to use the block.

Airtight Joto-Vent ^{ICC ES}

The KPK-N140U Airtight Joto-Vent is our improved design of the Joto-Vent Air-blocking. It is used to create an air barrier between the garage and crawlspace and also can be used for slab on grade and entry areas. Use of the Airtight Joto-Vent allows for continuous use of the Joto-Vent and consistent height around the entire perimeter of the foundation when used with the Joto-Vent. EPDM Foam strips and connectors on each end have been added to create an even tighter seal.

Architectural-covering ^{ICC ES}

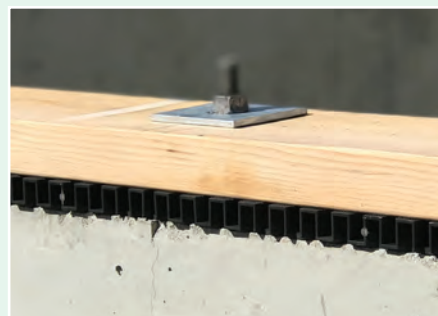
One of the components required for the Joto-Vent System[®]. The Joto-Vent Architectural Covering is a galvanized steel plate conforming to ASTM A792 called "galvalume". It acts as the cover for the Joto-Vent and the seat for the exterior wall sheathing. By installing it to the bottom edge of the wall, it acts as a drip edge to prevent deterioration of the siding. The slat opening on the back side plays a role as an insect prevention, the minimum opening is 1/8 inch, and it is approved by ICC-ES.



Z-Covering
[EAC-0-10]



Insect Prevention Strip
[KIP-1-10]

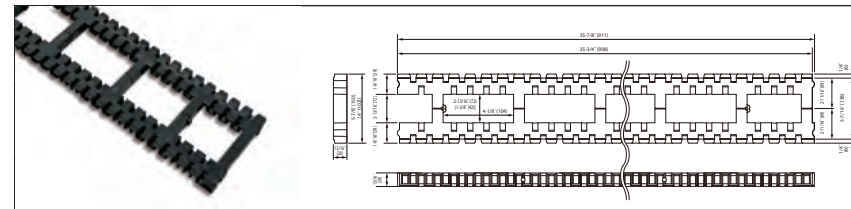


WUI COMPLIANT OPTION

1 x 6 Joto-Vent

Net-free ventilation area (NFVA) per 3' pc = .10 sq ft or 14.4 sq in.
Insect Prevention Strip is included in this calculation.

KP-L150U



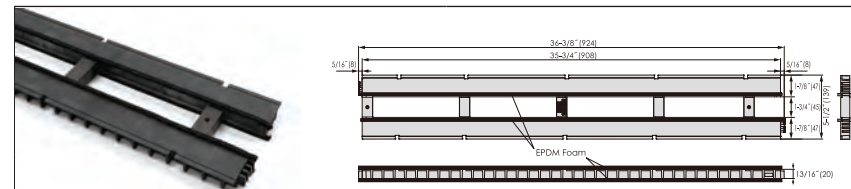
Product no.	KP-L150U
Sill plate	2 x 6, 2 x 8
Color/pattern	Black
Dimensions	6" x 3' x 3/4" (150 x 908 x 20mm)
Material	JC
Package	20 pieces/box

TECHNICAL SPECIFICATION

- ICC-ES approved maximum allowable compression load for Joto-Vent KP-L150U: 7,140 lb per L/F
- Complete ICC-ES report available at Joto-Vent.com

(Optional) Airtight Joto-Vent

KPK-N140U



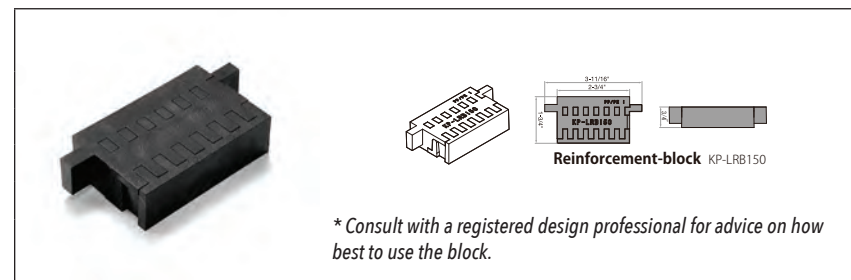
Product no.	KPK-N140U
Sill plate	2 x 6
Color/pattern	Black
Dimensions	5-1/2" x 3' x 3/4" (140 x 908 x 20mm)
Material	JC, EPDM Foam
Package	16 pieces/box (2 EPDM Foam Pads included)

TECHNICAL SPECIFICATION

- Ultimate compression load for Airtight KPK-N140U: Approx. 69060 plf*
- See our ICC-ES reports for details
- ICC-ES approved maximum allowed compression load for Airtight KPK-N140U: 8703 plf*
- *plf = pounds per linear foot

(Optional) Reinforcement-block

KP-LRB150

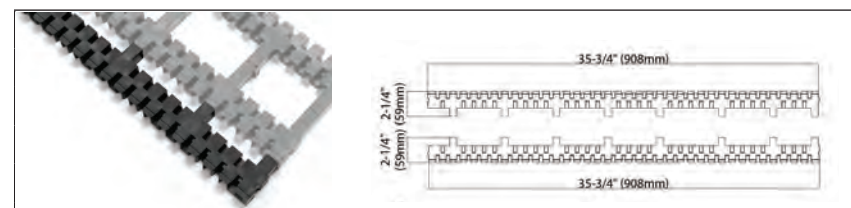


Product no.	KP-LRB150
	Designed for use with KP-L150U
Color/pattern	Black
Dimensions	3-11/16" x 1-3/4" x 3/4"
Material	JC
Package	50 pieces/box
Allowable load per block	5,470 lbs*

* Consult with a registered design professional for advice on how best to use the block.

(Optional) Joto-Vent Extension Strip

KP-L60UH



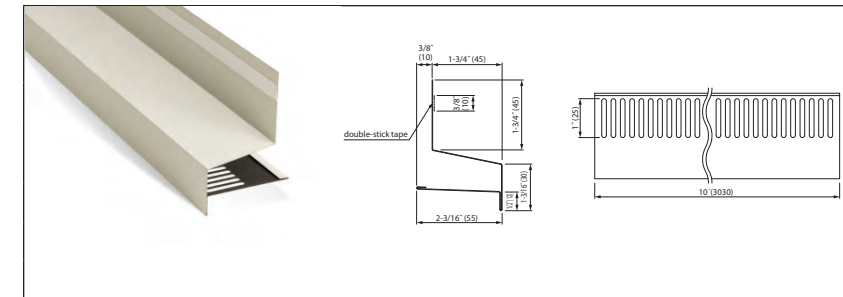
Product no.	KP-L60UH
Color/pattern	Black
Dimensions	2-1/4" x 3' x 3/4" (59 x 908 x 20mm)
Material	JC
Package	20 pieces/box

*The KP-L60UH Extension Strip is an optional accessory to be used with the KP-L150U to provide additional support on the interior side of 8" foundations using a 2x10 sill plate. This product is not currently certified or meant to be used as a structural member.

Architectural-covering

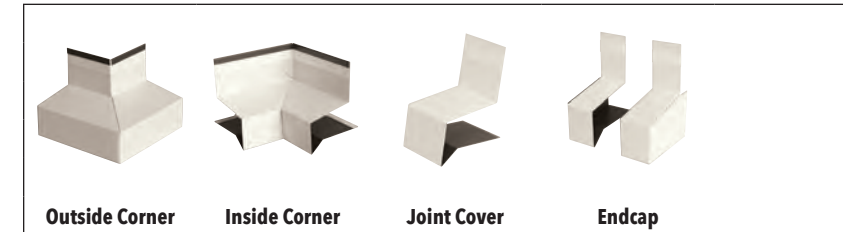
WACF-U45 (Net-Free Ventilation Area (NFVA): 5.73 in²/ft (121 cm²/m))

ICC-ES WUI COMPLIANT OPTION



Product no.	WACF-U45-WT/BK
Dimensions	1-3/4" x 10' (45 x 3030mm)
Color	White/Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box
Min ventilation opening	1/8 inch

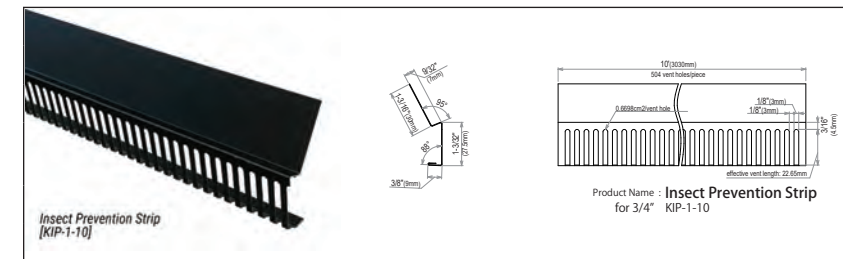
Accessories for WACF-U45



	Product No	Package
Outside corner	WACF-U45CO-WT/BK	5 pieces/box
Inside corner	WACF-U45CI-WT/BK	5 pieces/box
Joint cover	WACF-U45JC-WT/BK	20 pieces/box
Endcap	WACF-U45EC-WT/BK	5 sets/box

Insect Prevention Strip

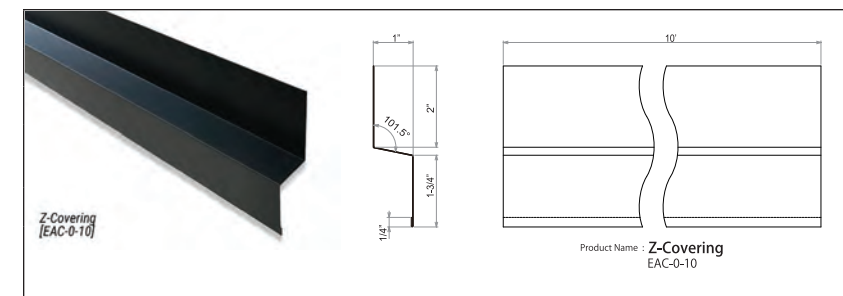
KIP-1-10



Product no.	KIP-1-10
Dimensions	10' (3,030mm)
Color	Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box
Min. ventilation opening	1/8 inch

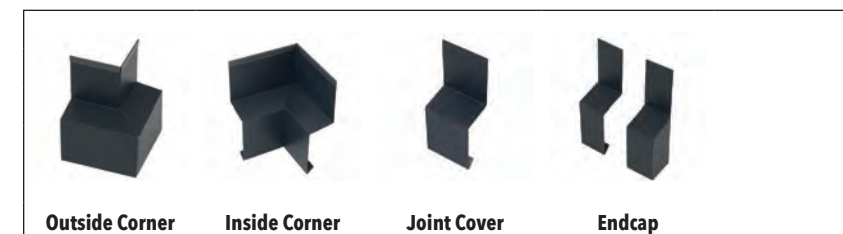
(Optional) Z-Covering

EAC-0-10



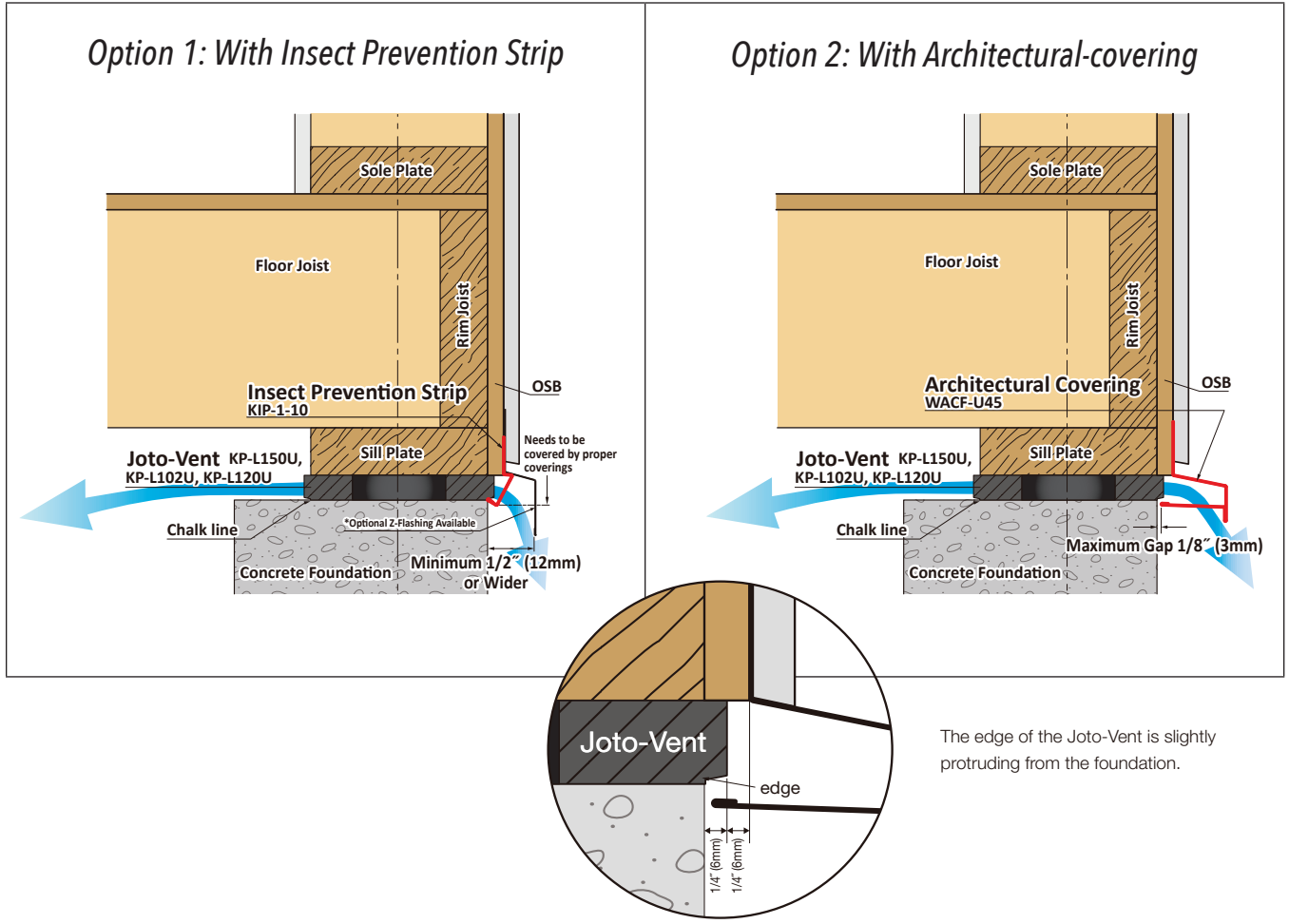
Product no.	EAC-0-10-WT/BK
Dimensions	10' (3,030mm)
Color	White/Black
Material	28-gauge galvanized steel (colored galvalume)
Package	10 pieces/box

Accessories for EAC-0-10

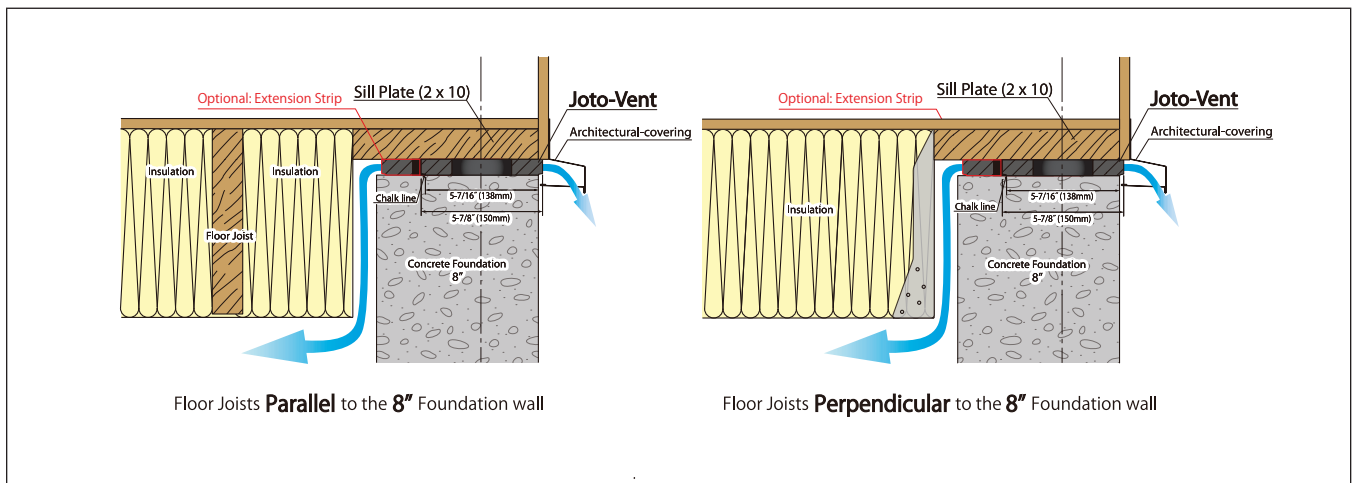


	Product No	Package
Outside corner	EAC-0-CO-WT/BK	5 pieces/box
Inside corner	EAC-0-CI-WT/BK	5 pieces/box
Joint cover	EAC-0-JC-WT/BK	20 pieces/box
Endcap	EAC-0-EC-WT/BK	5 sets/box

Installation Diagram



Reference diagrams for dropped floor applications



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2025.03

