
WIRE-BOND
INNOVATION IN MASONRY CONSTRUCTION
SERVING THE MASONRY CONSTRUCTION INDUSTRY FOR OVER 40 YEARS.

GENERAL INFORMATION

INDEX

Innovation is our job!

WIRE-BOND® is the largest manufacturer of truss and ladder wire joint reinforcement in the world. We've been setting industry standards for manufacturing, products, and service for over 40 years. Our manufacturing facilities have the capacity to produce more than two million feet of wire products per day. We offer the complete line of masonry joint reinforcement products and accessories. We ship throughout the United States, Canada, Mexico, and overseas.

Our goal today, as always, is to develop innovative products for the masonry industry that are durable, save time and money, and are easy to handle and install. WIRE-BOND® is head-quartered in Charlotte, North Carolina with a second plant in Memphis, Tennessee. Both are centrally located to serve the entire country.

Product Line

We produce continuous systems of masonry wall reinforcing including truss and ladder designs. Variations are available to these standard designs to meet specific wall conditions and are illustrated in this catalog.

Our in-house hot dip galvanizing facilities offer total product control, ensure optimum quality, and quick turnaround on orders.

WIRE-BOND®'s Recommendation

Interior Walls

Interior walls, which are non-load bearing, should utilize standard weight reinforcing with a mill galvanized finish.

Exterior Walls

Exterior load bearing walls need a level adjustable tab or level hook-and-eye system. An additional advantage to adjustable reinforcing is to provide a mechanical tie to restrain insulation in a partially filled masonry cavity wall.

Special Material

Our manufacturing capabilities allow us to make a wide variety of products, some of which are not shown in our catalog. Please contact us for specific advice and availability of any item you may require for masonry walls.

GENERAL INFORMATION

ASTM A1064/A1064M Wire Requirements *(for cold drawn steel wire)*

QQ-W-461 f Finish 1 Wire Requirements *(for hard tempered wire)*

Tensile Strength	**80,000 PSI**
Yield Point	**70,000 PSI minimum**
Reduction of Area	**30%**

Wire Gauges	***Side Rods***	***Cross Rods***
Standard	**9 Gauge (.148 in)**	**9 Gauge**
Heavy Duty	**3/16″ (.187 in)**	**9 Gauge**
Extra Heavy Duty	**3/16″ (.187 in)**	**3/16″**

Finishes	***Description***
Plain	**Uncoated**
Mill Galvanized	**Zinc Coated (0.10 oz per sq ft)**
Hot Dipped Galvanized After Fabrication	**Zinc Coated ASTM A153 / A153M-B2 (1.50 oz per sq ft)**
Stainless Steel	**ASTM A580 / ASTM A580M Type 304**

All wire conforms to ASTM A951 / A951M-06. This specification covers the manufacturing guidelines and minimum weld strength required for masonry joint reinforcement.

TMS 402 Code recommends mill galvanized ASTM A641 (0.1 oz/ft²) for joint reinforcement in interior walls. For cavity and exterior walls hot dipped galvanized ASTM A153 / A153M-B2 (1.50 oz per sq ft) (485 g/m) is recommended for joint reinforcement, wire ties, and anchors. Hot dipped or Stainless Steel is also recommended for walls exposed to a mean relative humidity exceeding 75%.
Class I ASTM A641 (0.4 oz/ft²) and Class III (0.8 oz/ft²) are no longer recommended by TMS 402 for interior walls.

Epoxy coating is not recommended as a protective coating for joint reinforcement, anchors and ties. Manufacturer recommends Stainless Steel Type 304 for maximum corrosion protection.

WIRE-BOND®'s products are manufactured in compliance with the following building codes:

- **SBCC -** Southern Building Code Congress
- **BOCA -** Building Officials Congress in America
- **ICBO -** International Congress of Building Officials
- **CSA A370-94 -** Connectors for Masonry
- **TMS 402 -** Building Code Requirements for Masonry Structures

Visit wirebond.com to see our complete catalog of masonry joint reinforcement products and accessories.

WIRE-BOND

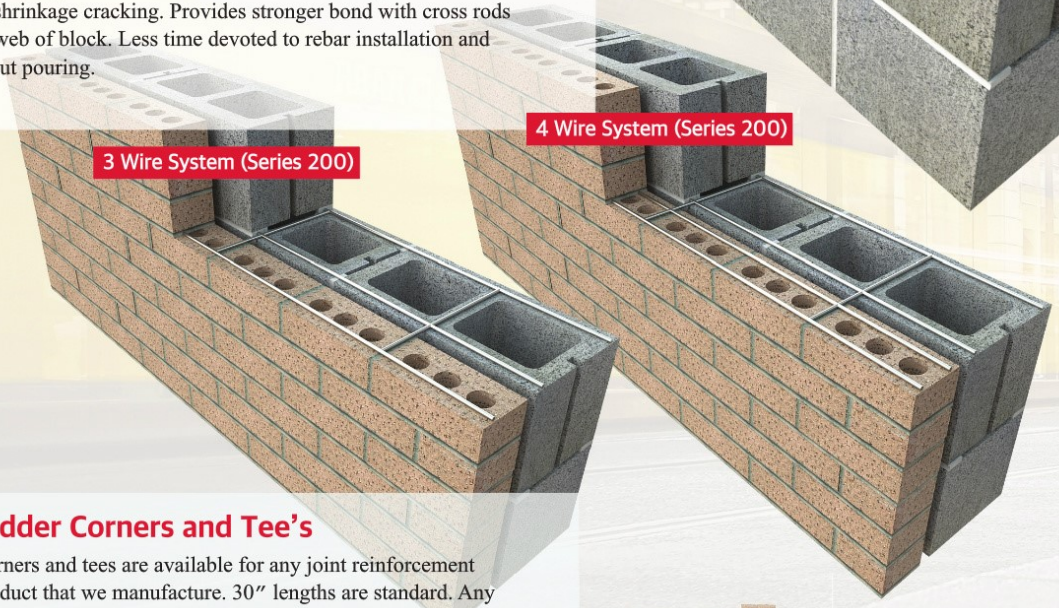
LADDER TYPE

2 Wire System (Series 200)

Ladder Type Series 200

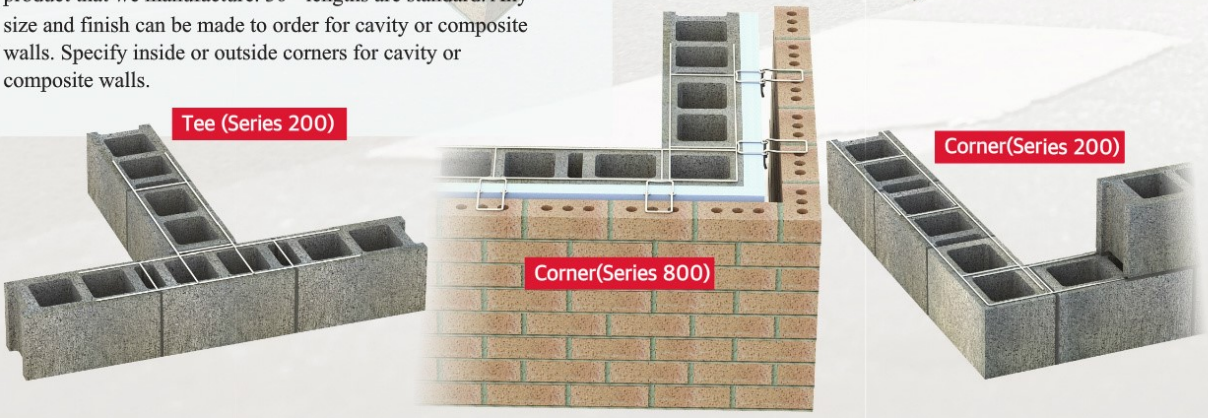
Ladder design is a prefabricated reinforcement for embedment in the horizontal mortar joints of masonry. It is manufactured in 10′ 8″ lengths from wire conforming to ASTM A 82 / A82M for cold drawn steel wire. It consists of two or more parallel and deformed longitudinal wires welded to a perpendicular cross wire spaced 16″ O.C. Out-to-out spacing is approximately two inches less than the nominal thickness of the wall.

Ladder design spaced 16″ O.C. positions cross rods on web of block to allow core clearance. This simplifies rebar installation; centering utilizes strength of grout. Allows unrestricted flow of grout or loose fill insulation into CMU cells. Minimizes re-setting of joint reinforcement around rebar. Improves resistance to shrinkage cracking. Provides stronger bond with cross rods in web of block. Less time devoted to rebar installation and grout pouring.



Ladder Corners and Tee's

Corners and tees are available for any joint reinforcement product that we manufacture. 30″ lengths are standard. Any size and finish can be made to order for cavity or composite walls. Specify inside or outside corners for cavity or composite walls.



LADDER TYPE WITH TIES

Level Hook & Eye (Series 800)

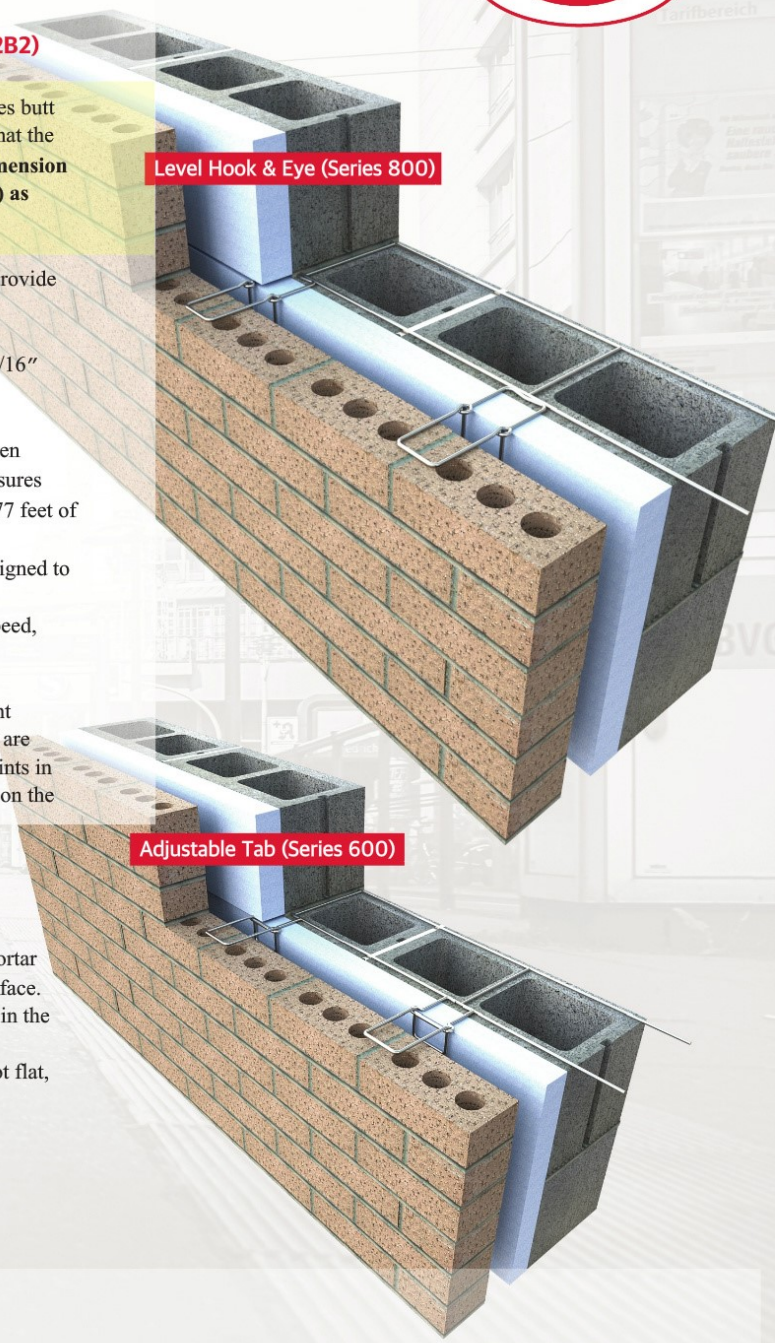
(U.S Pat. #6,735,915) (U.S. Pat.#7,152,382B2)

- Ladder Level design is manufactured with double eyes butt welded 16″ O.C. to the longitudinal wires ensuring that the height of the reinforcing **will not exceed half the dimension of the joint (3/8″ joint = 3/16″ max reinforcement) as required by TMS 402 Code .**

- Level Eye Ladder and Level Adjustable Tab design provide optimum CMU core clearance.
- Level Eye double eyelets are welded 16″ on center.
- “ Lollipop” design of eyelets provides for less than 1/16″ tolerance and meets the TMS 402 Code.

- Level Eye ensures continuous 16″ O.C. spacing. When installed vertically at 16″ O.C. horizontal spacing ensures code compliance requiring one 3/16″ pintle every 1.77 feet of wall area.
- Tabs are welded 16″ O.C. Tabs and wall ties are designed to meet the TMS 402 Code. Tabs and wall ties are 3/16″ diameter wire and are produced on our high-speed, multi-slide wire forming machines.

- Dual tangent points of the eyelets are made by a slight indentation in the “U”. Dual tangent points of the tab are made by bending the ends of each wire point. The points in both systems achieve a deep weld into the side wires on the reinforcement for maximum strength and durability.



Installation

- Lay reinforcing on wall in advance of the mortar.
- Position side rods allowing a minimum of 5/8″ of mortar coverage between the reinforcement and the exterior face.
- When using Ladder Type always keep the cross rods in the web of the block to simplify rebar installation.
- Apply mortar to bed joint. Since wire is round and not flat, mortar will surround the reinforcing and no lifting is needed.
- Apply at vertical intervals of not more than 16″.
- Reinforcing should be lapped 6″ to meet code requirements.

Functions Of Joint Reinforcing

- Strengthens mortar joint which helps to control shrinkage cracking.
- Bonds masonry wythes together in composite and cavity walls.
- Allows loads to be transferred from the brick veneer to the stronger block back up in cavity walls.
- Bonds intersecting walls.
- Increases flexural strength and elasticity.

WIRE-BOND

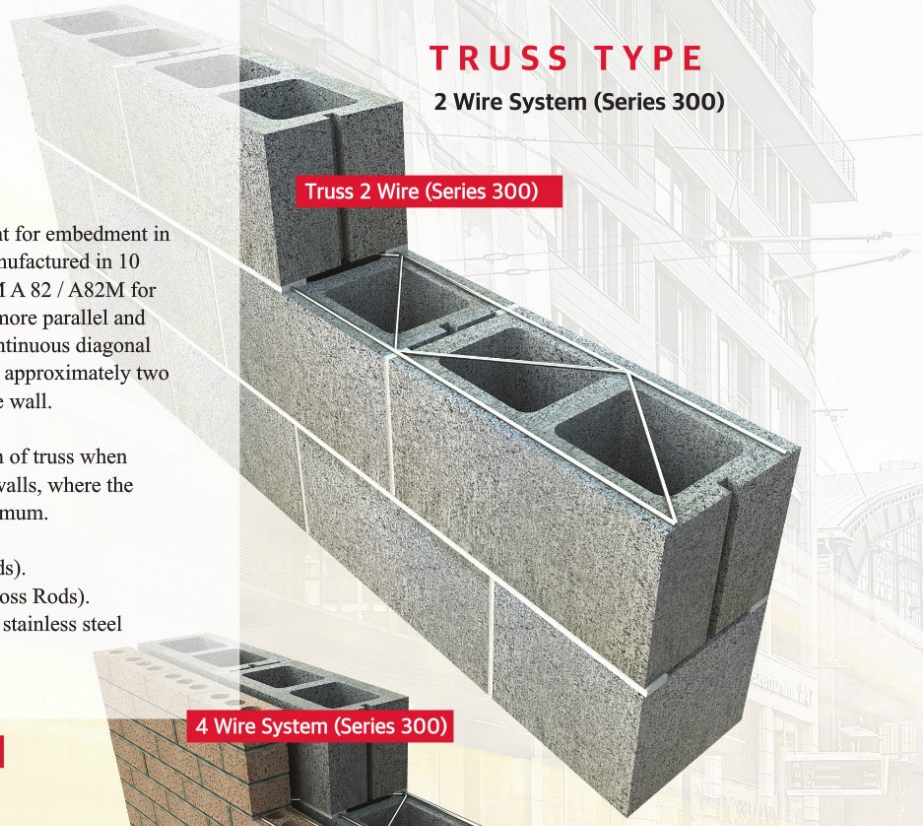
TRUSS TYPE

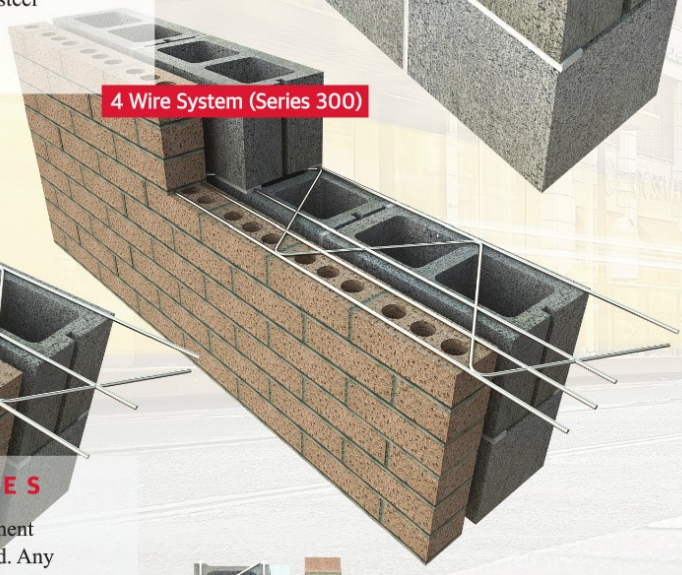
2 Wire System (Series 300)

Truss Type Series 300

Truss design is a prefabricated reinforcement for embedment in the horizontal mortar joints of masonry. Manufactured in 10 foot lengths from wire conforming to ASTM A 82 / A82M for cold drawn steel wire. It consists of two or more parallel and deformed longitudinal wires welded to a continuous diagonal cross wire at 16" O.C. Out-to-out spacing is approximately two inches less than the nominal thickness of the wall.

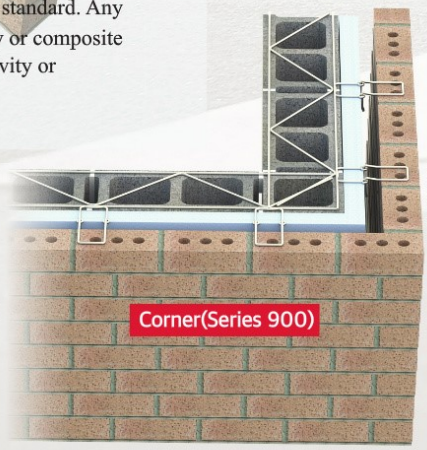
* We recommend utilizing the extra strength of truss when installing reinforcement in single wythe walls, where the application of grout and rebar is at a minimum.
* Standard Weight (9ga x 9ga).
* Heavy (3/16″ Side Rods x 9ga Cross Rods).
* Extra Heavy (3/16″ Side Rods x 3/16″ Cross Rods).
* Finishes: mill galvanized, hot dipped and stainless steel





TRUSS CORNERS AND TEES

Corners and tees are available for any joint reinforcement product that we manufacture. 30″ lengths are standard. Any size and finish can be made to order for cavity or composite walls. Specify inside or outside corners for cavity or composite walls.

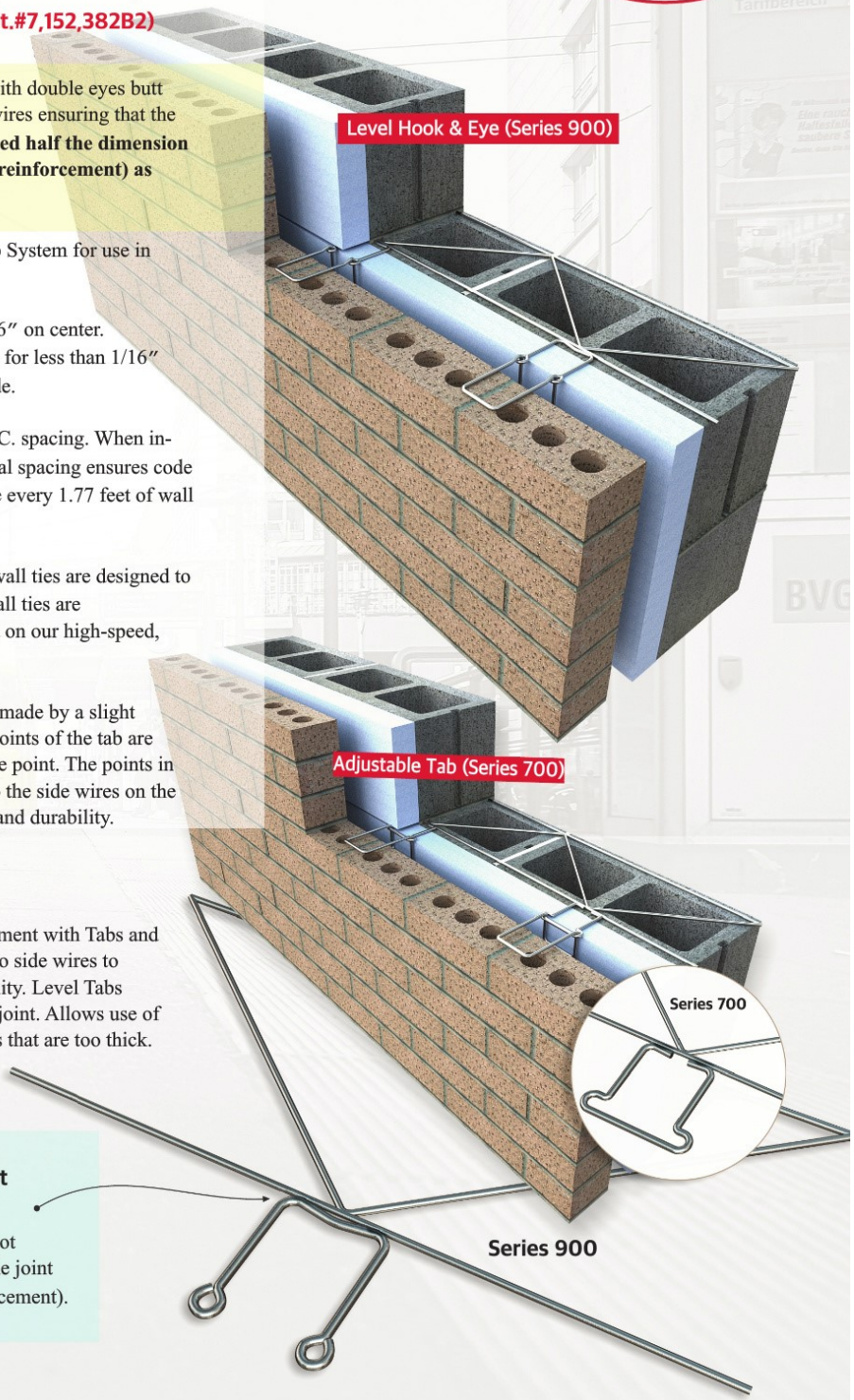


TRUSS TYPE WITH TIES

Level Hook & Eye Truss (Series 900)

(U.S Pat. #6,735,915) (U.S. Pat.#7,152,382B2)

- Truss Level design is manufactured with double eyes butt welded 16″ O.C. to the longitudinal wires ensuring that the height of the reinforcing **will not exceed half the dimension of the joint (3/8″ joint = 3/16″ max reinforcement) as required by TMS 402 Code .**
- Compatible with the WireBond® Clip System for use in seismic zones.
- Level Eye double eylets are welded 16″ on center. “ Lollipop” design of eyelets provides for less than 1/16″ tolerance and meets the TMS 402 Code.
- Level Eye ensures continuous 16″ O.C. spacing. When installed vertically at 16″ O.C. horizontal spacing ensures code compliance requiring one 3/16″ pintle every 1.77 feet of wall area.
- Tabs are welded 16″ O.C. Tabs and wall ties are designed to meet the TMS 402 Code. Tabs and wall ties are 3/16″ diameter wire and are produced on our high-speed, multi-slide wire forming machines.
- Dual tangent points of the eyelets are made by a slight indentation in the “U”. Dual tangent points of the tab are made by bending the ends of each wire point. The points in both systems achieve a deep weld into the side wires on the reinforcement for maximum strength and durability.



Adjustable Tab (Series 700)

Truss Style Adjustable Joint Reinforcement with Tabs and Wall Ties. Tabs are double welded on to side wires to provide maximum strength and durability. Level Tabs make it easier to maintain 3/8″ mortar joint. Allows use of 3/16″ side rods. Eliminates weld points that are too thick.

Butt welded to meet TCM 402 Code

Height of the reinforcing will not exceed half the dimension of the joint (3/8″ joint = 3/16″ max reinforcement).

WIRE-BOND

NO DISENGAGEMENT SYSTEMS

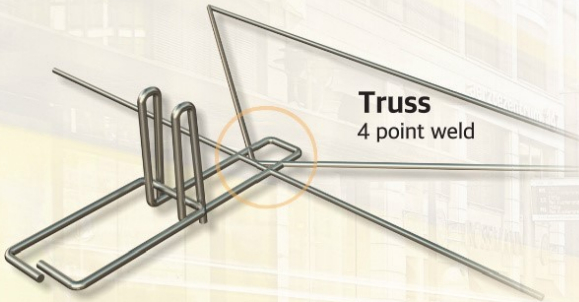
(Series 6000) Adjustable Double Loop Tie

Adjustable Double Loop Tie is a No Disengagement System that allows in-plane vertical and horizontal movement of masonry wythes while restraining tension and compression.

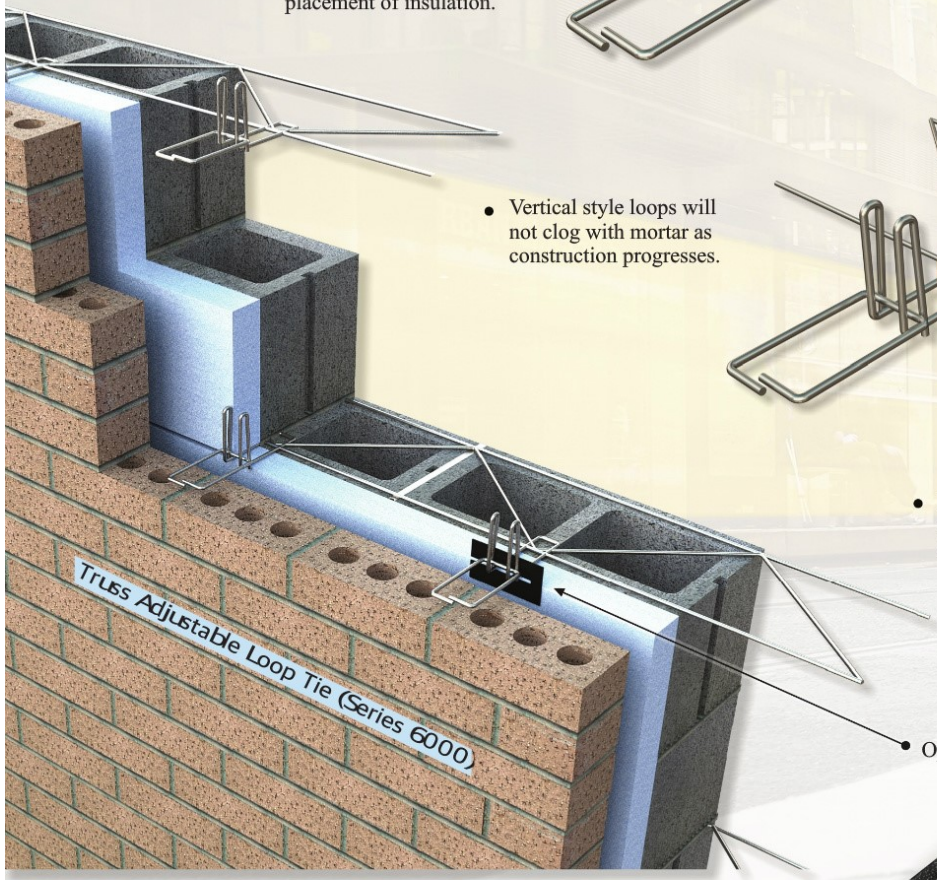
- Loops extend one direction only to allow simple placement of insulation.

Ladder
3 point weld

- Vertical style loops will not clog with mortar as construction progresses.



Truss
4 point weld



- Loops welded shut to maintain allowable tolerance and system integrity.

- Optional Lock Washer

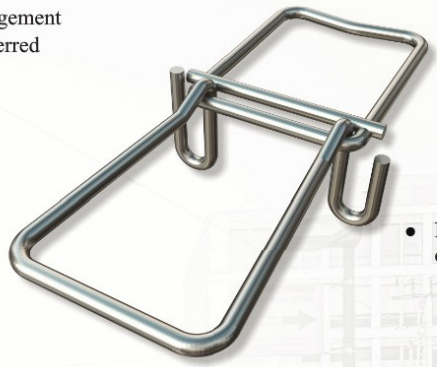
100% protection against separation of Wire Tie from reinforcement.

NO DISENGAGEMENT SYSTEMS

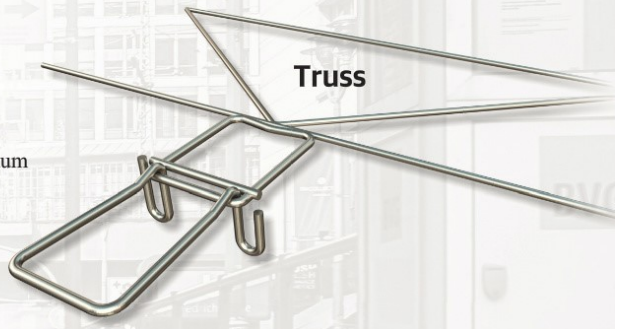
WIRE-BOND

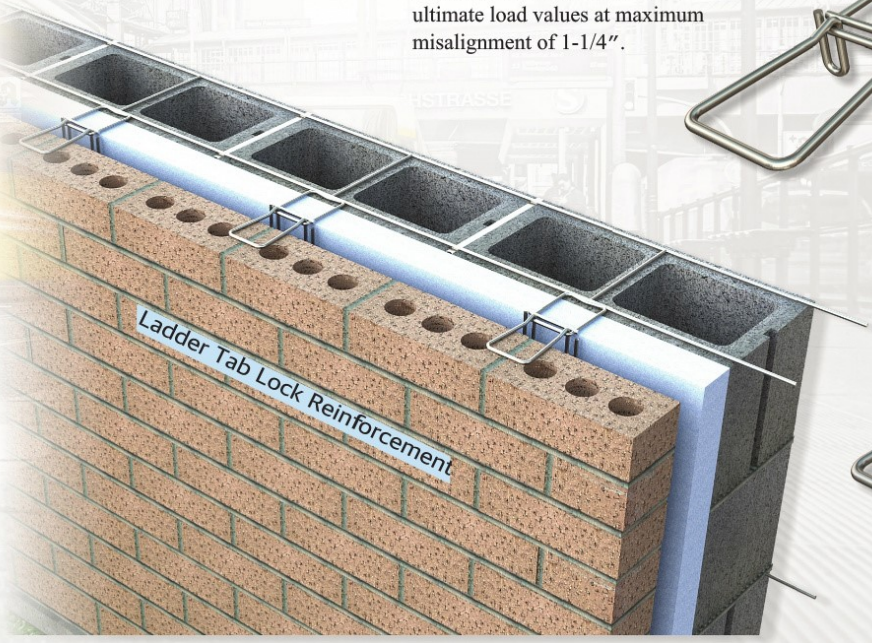
Tab Lock Reinforcement Patent No. US 8,418,422 B2

Tab Lock Reinforcement is a no disengagement system allows loads to be directly transferred from veneer to stronger back-up wall.



- Locking ties wedge insulation against block back-up.
- Tab Lock system allows loads to be directly transferred from veneer to stronger back-up wall.
- Looped Hooks meet tolerance of 1/16″ between adjustable parts.
- Tab with Lock Bar will not clog with mortar as construction progresses.
- Adjustable ties have higher ultimate load values at maximum misalignment of 1-1/4″.





Tab Lock design will not disengage meeting TMS 402 Code Requirements.

Tab is butt welded to side rod 16″ 0.C.
Height of tab will not exceed 3/16″ in bed joint.
Easier to maintain 3/8″ mortar joint.

Standard Weight (9ga x 9ga).
Heavy (3/16″ Side Rods x 9ga Cross Rods).
Extra Heavy (3/16″ Side Rods x 3/16″ Cross Rods).

WIRE-BOND

MASONRY TO STEEL STUD

SureTie Anchoring System

SureTie quickly and accurately pierces insulation and/or wallboard to penetrate steel studs in brick veneer applications.

One-piece design provides superior strength.

12-24 self driller

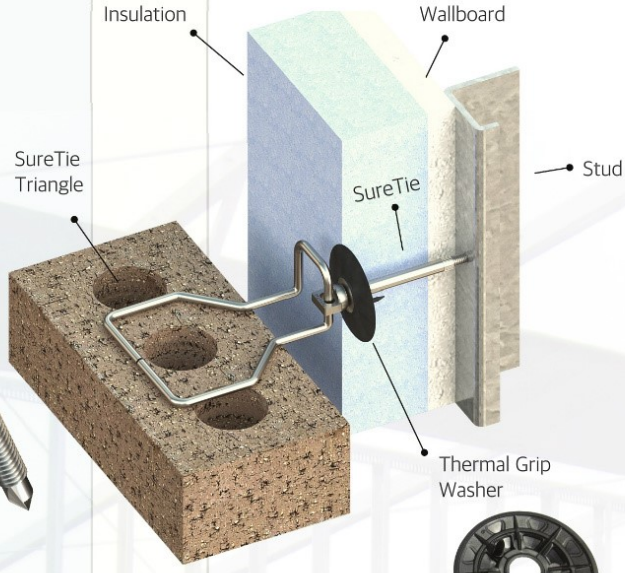
Accommodates 1/2″ and 5/8″ wallboard and various thicknesses of insulation.

The adjustable SureTie triangle allows a maximum of 1-1/4″ vertical movement both up and down. Design permits no disengagement. Maximum clearance between connecting parts of the tie is 1/16″

Standard length of triangle ranges from 3″ to 9″ in length.

#4520

#4510



Thermal Grip Washer

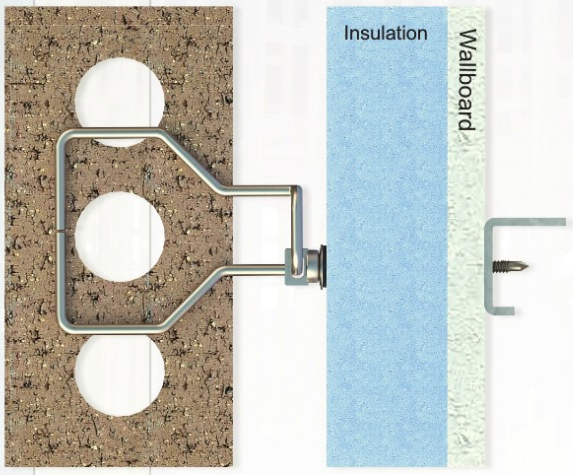
Large 2″ Dia. solid cap washer helps to seal against air/moisture penetration through the weather barrier assembly.

During installation, prongs allow for the pre-spotting for the SureTie assembly.

SureTie allows positive contact with steel stud backup. Compression and tension loads in the veneer are transferred to the steel stud backup.

High strength barrel and slotted head fabricated from carbon steel. Manufactured and tested in conformance with SAE J78 (self-drilling and self-tapping screws).

SureTie holds insulation in place, permitting contractors to install 4′ x 8′ sheets with ease, saving time and money.



Specially designed chuck adapter allows the SureTie's slotted head to easily slip in with a straight & snug fit.

#4590

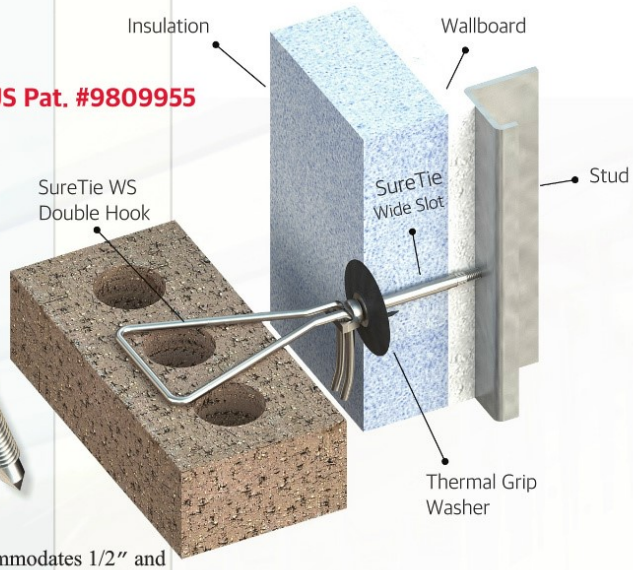
MASONRY TO STEEL STUD

WIRE-BOND

SureTie WS Anchoring System

US Pat. #9809955

Designed with a Wide Slot to accept the #4515 SureTie WS Adjustable Double Hook,



- SureTie WS installs faster and easier than ever, saving you time and money.
- Silver-gray Climaseal® finish
- Accommodates 1/2″ and 5/8″ wallboard and various thicknesses of insulation.

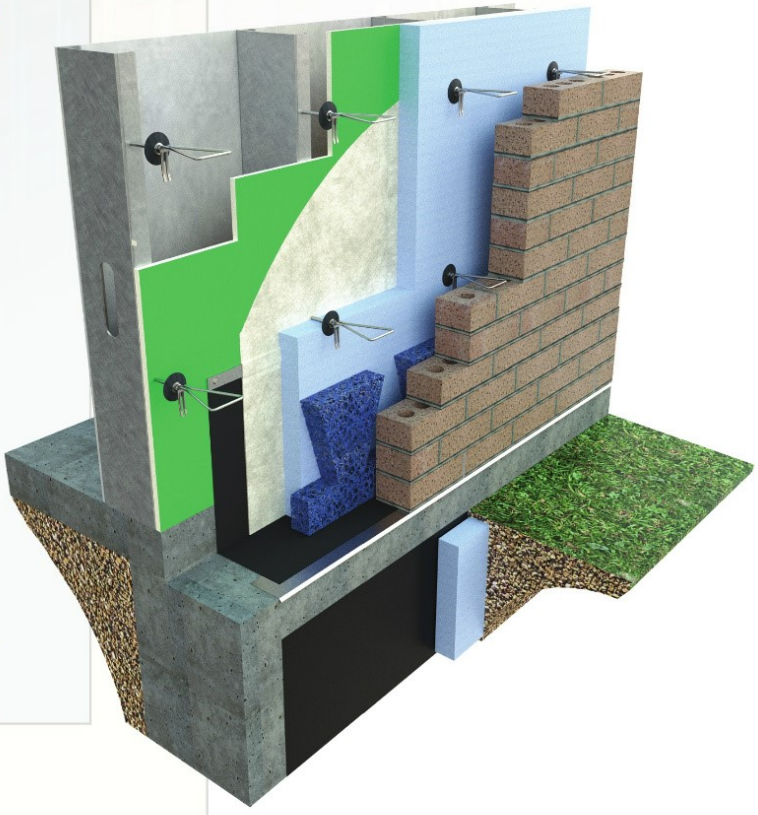
TESTED FOR THERMAL BRIDGING

There is a myth that metal ties significantly change the performance of the wall system. One report stated this: "Fairly large impacts from tie thermal bridging..."

We challenged this by testing our Sure Tie Anchoring System, knowing that there are many factors that can contribute to "thermal bridging" but metal ties are not one of them. There is a considerable amount of data to support this. Don't believe the myth that you need plastic parts and please don't take our word for it, download the test results and see for yourself.

Masonry walls were tested with and without Sure-Ties for R-Values under ASTM C 1363-11. The results were no reduction in R-Value with the Sure-Tie Anchoring System.

"The limited mass of the Sure-Tie fasteners versus the overall wall area, resulted in an insignificant change in performance of the wall system. It can be concluded that the Sure-Tie fasteners do not create any measurable thermal bridging effects on the wall system."

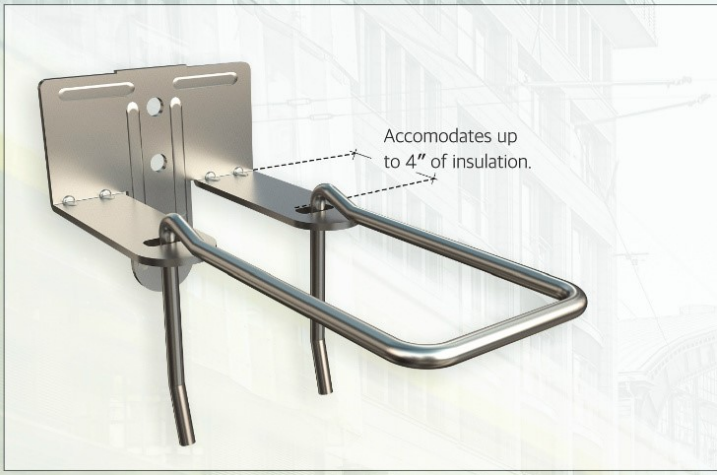


MASONRY TO STEEL STUD

RJ-711 Adjustable Veneer Anchor

Plate is available in either 14 gauge or 12 gauge; adjustable hook is made of 3/16″ diameter wire. Available in mill galvanized, hot dip galvanized and stainless steel. Hook lengths are 3-1/4″, 4-1/4″, and 5-1/4″. Hook adjustments are maximum of 1-1/4″ up or down. Also available for walls with 1″, 1-1/2″, 2″, 2-1/2″, 3″, 3-1/2″ and 4″ insulation. Test data provided upon request.

The WIRE-BOND® RJ-711 with 3/16″ adjustable tie meets the Brick Industry of America's requirement of a maximum deflection of less than .05 inches (1.2mm) when tested at an axial load of 100 pounds in tension and compression. Extensive test results available upon request.



HCL-711 Anchoring System

• HCL-711 Anchoring system installs quickly and easily on exterior walls with brick veneer while providing positive contact with metal stud and avoiding damage to wallboard.
• The HCL-711 System moves the dew point from within the stud to near the outer face of the rigid insulation, reducing potential corrosion at the screw locations.
• Especially useful in high wind environments and seismic areas D,E and F where wallboard is installed between the steel stud and insulation.
• Simplified installation procedure saves on labor costs.
• Compatible with the WIRE-BOND® Clip System used in seismic zones.

DESCRIPTION AND SIZES:

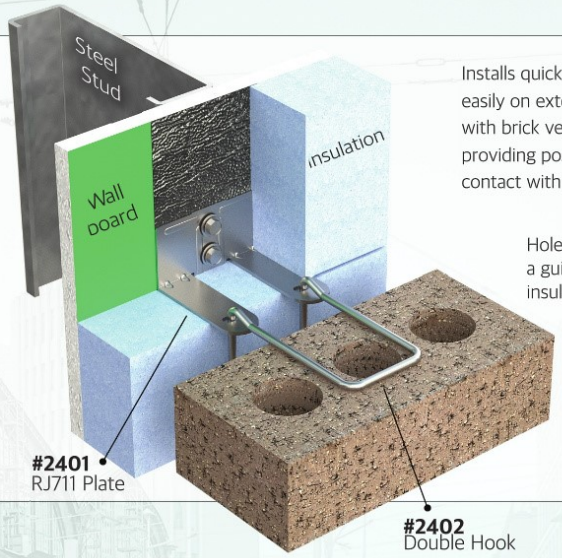
• "LEGS" to accommodate 0, 1″, 1-1/2″, 2″, 2-1/2″, 3″, 3-1/2″ and 4″ thicknesses insulation.
• The "legs" of the HCL-711s provide the platform for the insulation. This eliminates potential insulation damage and improves thermal performance. R value is maintained.
• The installer does not have to penetrate varying amounts of insulation while guessing for direct contact with the stud.
• The pintles serve to secure the insulation to the exterior wallboard. The simplified installation procedure saves on labor costs.

SQUARE GRID:

With the metal studs spaced at 16″ intervals, the system provides a 16″ squared grid. This is accomplished with two easy steps:

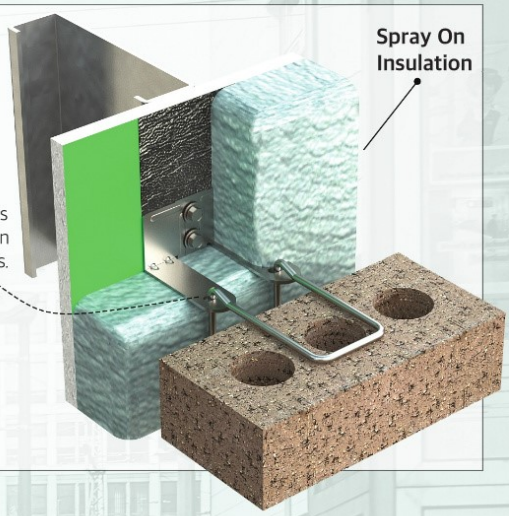
1. First, 8-foot-wide insulation is installed as a guide from the footer of the wall. The 16″ height of the insulation indicates where the next horizontal line of HCL-711s will attach at the vertical line of wallboard fasteners.
2. The insulation is then inlaid snugly between the legs of the uniform horizontal lines of HCL-711s.

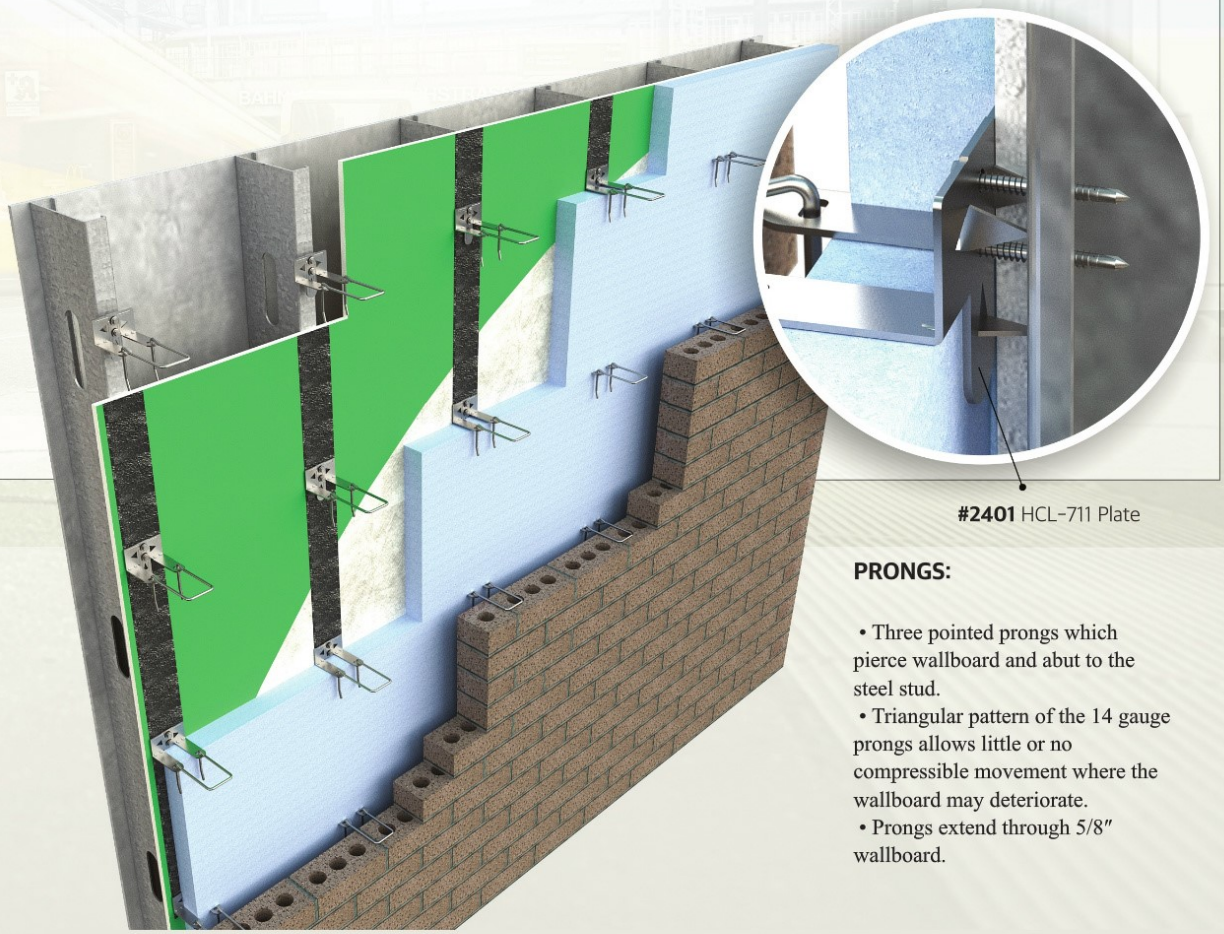
MASONRY TO STEEL STUD



Installs quickly and easily on exterior walls with brick veneer while providing positive contact with metal stud.

Holes work great as a guide for spray on insulation thickness.





#2401 HCL-711 Plate

PRONGS:

- Three pointed prongs which pierce wallboard and abut to the steel stud.
- Triangular pattern of the 14 gauge prongs allows little or no compressible movement where the wallboard may deteriorate.
- Prongs extend through 5/8″ wallboard.

MASONRY TO STEEL STUD

Type III Anchor

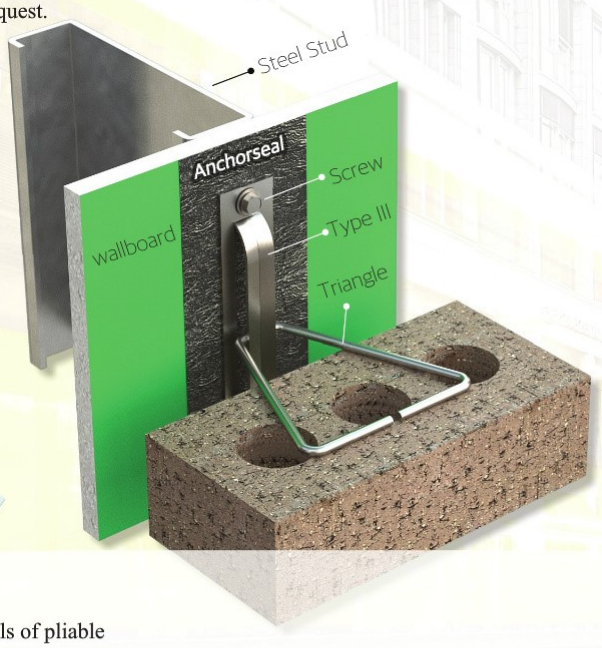
Individual anchors screw-on to metal studs. Available in 14 and 12 gauge by 1-1/4″ wide and 6″ long. Finishes: mill galvanized, hot dip galvanized and stainless steel. The WIRE-BOND® Type III anchor 12 gauge, 3/16″ adjustable tie, meets the Brick Industry of America's requirement of a maximum deflection of less than .05 inches (1.2mm) when tested at an axial load of 100 pounds in tension and compression. Extensive test results available upon request.

#1004

#1100

#4000 Climaseal Screw

#4110 Anchorseal



Anchorseal

A 40 mil thick dual barrier membrane 3″ wide, consisting of 32 mils of pliable highly adhesive rubberized asphalt, completely and integrally bonded to an 8 mil high density cross-laminated polyethylene film. Anchorseal is used in conjunction with RJ-711, HCL-711, Type III, and Type III-X Anchors.

Triangular Ties

Constructed of steel wire meeting ASTM A1064/A1064M, ASTM A82 / A82M. Available in 3/16″ or 1/4″ diameter. Finishes: mill galvanized, hot dip galvanized and stainless steel. Standard sizes range from 3″ to 9″ in length.

#1100 Triangle

#1100C Triangle with welded metal clip

#11000 Off-set Triangle with #3690 Plastic Seismic Clip

Plastic Seismic Clip (PSC) accepts both 9 gauge and 3/16″ diameter pencil rod. Can be used in any adjustable system consisting of a pintle or triangle and horizontal joint reinforcing wire. DIMENSIONS: 5/16″ X 1-1/2″ X 1-3/4″

MASONRY TO STEEL STUD

2407 Adjustable Veneer Anchoring System

The 2407 System is a wire tie, plate combination system which provides adjustability, minimal free-play, strength, stiffness, positive connection, corrosion-resistance. Test results are available upon request.

2407R

Available in 12, 14 and 16 gauge (plate). 2″ wide and will accommodate all sizes of insulation, Finishes include hot dip galvanized, and stainless steel.

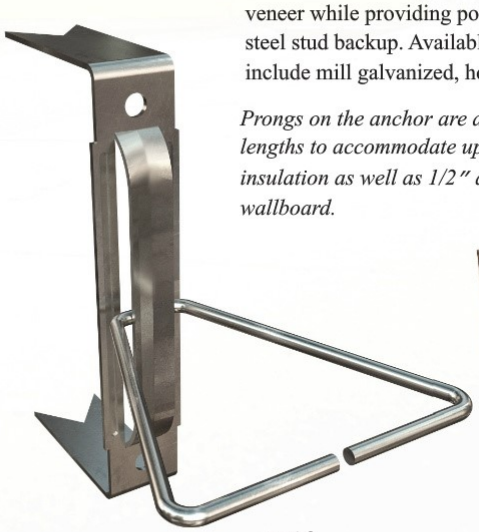
The system provides for in-plane differential movement and can be installed on metal stud, wood stud, masonry, steel or concrete backup with or without insulation. The anchor plate has been designed for mounting on the surface of sheathing or stud, and accommodates insulation board with minimal or no puncture.

TypeIII-X Anchor

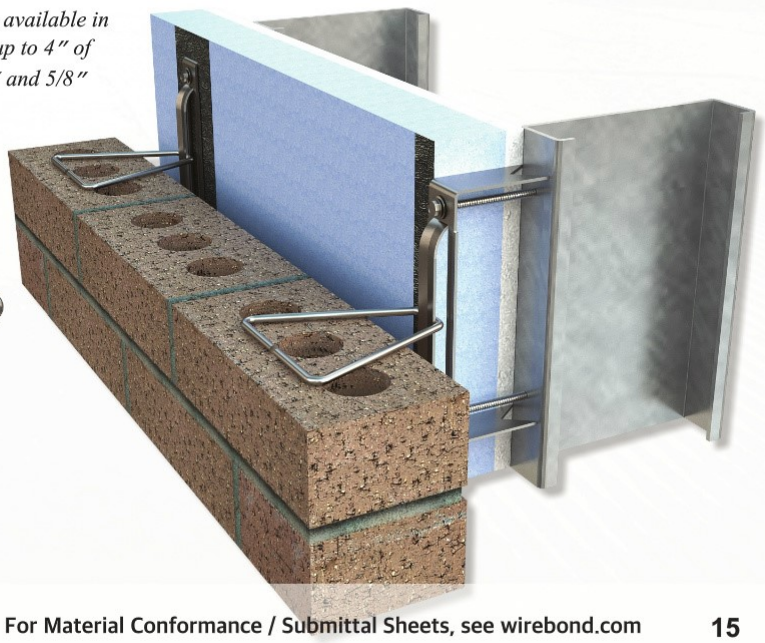
#1004X-1009

WIRE-BOND®'s Type III-X Anchor installs quickly and easily on exterior walls with brick veneer while providing positive contact with metal studs. It transfers compression loads to the steel stud backup. Available in 14 gauge and 12 gauge (plate). 1-1/4″ wide x 6″ long. Finishes include mill galvanized, hot dip galvanized, and stainless steel.

Prongs on the anchor are available in lengths to accommodate up to 4″ of insulation as well as 1/2″ and 5/8″ wallboard.



#1100



MASONRY TO WOOD STUD

Tapcon SureTie's

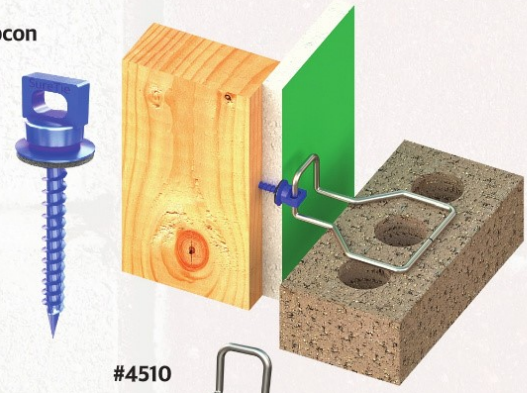
Tapcon® SureTie's allow positive contact with wood stud. Compression and tension loads in the veneer are transferred to the backup. High strength barrel and slotted head fabricated from carbon steel. Manufactured and tested in conformance with SAE J78 (self-drilling and self-tapping screws). SureTie holds insulation in place, permitting contractors to install 4'x 8' sheets with ease, saving time and money.

Accommodates Various thicknesses of insulation. Blue Climaseal finish (Tapcons) resulted in 0% red rust at 1000 hours exposure to ASTM B-117 salt spray testing.

SureTie WS Tapcon
US Pat. #9809955
#4532

#4515

SureTie Tapcon
#4530



#4510

Thermal Grip Washer

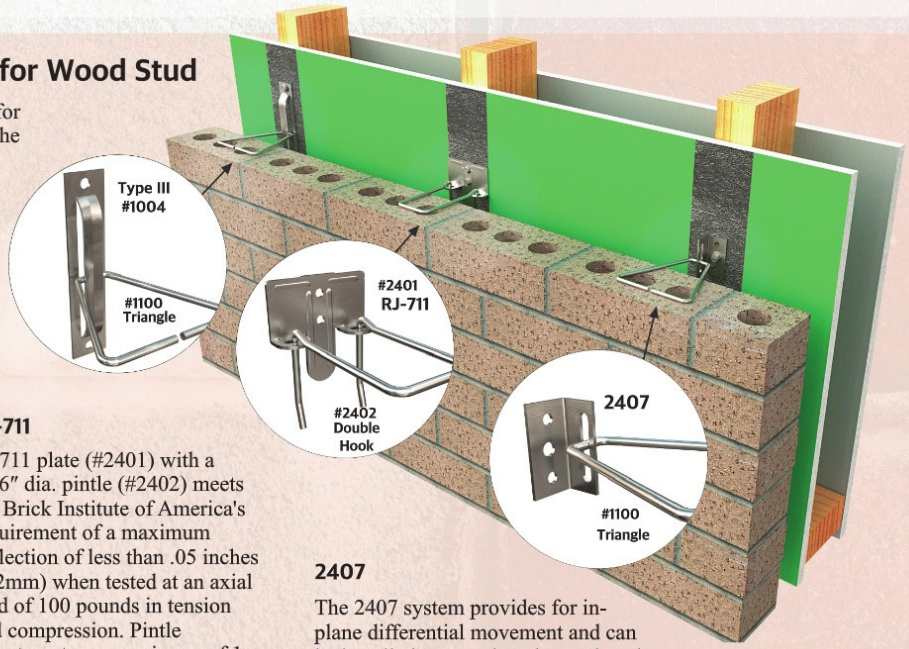
Adjustable Veneer Anchors for Wood Stud

These Adjustable veneer anchors are used for anchoring brick veneer to wood stud with the #4000 Wood Screw.

Type III
1-1/4″ wide x 6″ long with over 3″ of vertical adjustability.Used with the #1100 Triangle.

#4000 Wood Screw

Diameter:	#9 and #12
Thread Form:	9-15 and 12-14
Head Style:	¼″ HWH
Washer Style:	Galvanized(G-90)
Drill Point:	Gimlet
Finish:	Climaseal



RJ-711

RJ 711 plate (#2401) with a 3/16″ dia. pintle (#2402) meets the Brick Institute of America's requirement of a maximum deflection of less than .05 inches (1.2mm) when tested at an axial load of 100 pounds in tension and compression. Pintle adjustments are maximum of 1-1/4″ up or down and prevent in-and-out movement beyond allowable tolerances.

2407

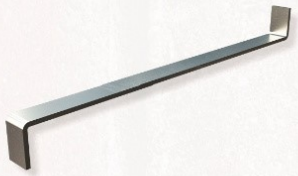
The 2407 system provides for in-plane differential movement and can be installed on metal stud, wood stud, masonry, steel or concrete backup with or without insulation.

MASONRY TO MASONRY

WIRE-BOND

#3000Z

Rigid Steel Anchor

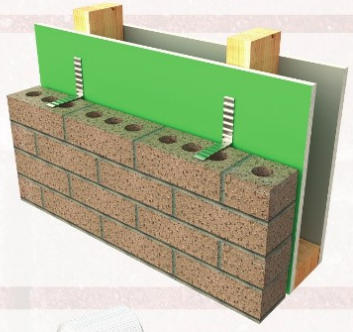


The 3000 Z Rigid Steel Anchor is used for anchoring load bearing walls at intersections.
Stock size is 1/4″ thick x 1-1/2″ wide x 24″ long, hot dipped galvanized, meeting ACI 530 code require-ments. Other sizes are available upon request.

#2000

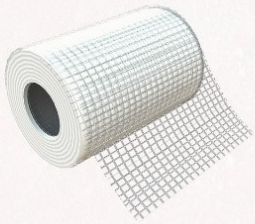
Corrugated Wall Tie

16 gauge or 22 gauge x 7/8″ wide x 7″ long. Finishes: mill galvanized, hot dipped galvanized and stainless steel.



#3612

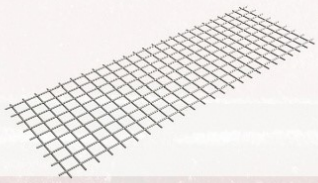
Grout Stop



Designed to prevent grout from falling through block core while maintaining positive bond in mortar joint. Constructed of strong, non-corrosive 1/4″ square polypropylene monofilament screening. Provides improved bonding of masonry anchor in hollow block construction. Available in 100′ Rolls.

#1900 / #1901

Mesh Wall Tie



1/2″ mesh x 16 gauge or 19 gauge, hot dipped galvanized. Available in 3′ x 100′ rolls or cut to size.

#1700

Control Joint Anchor

Designed for transferring loads across control joints while handling compression loads and controlling lateral movement. Finishes: mill galvanized and stainless steel.

WIRE-BOND

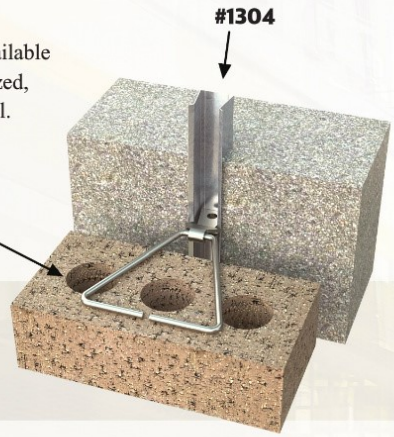
MASONRY TO CONCRETE

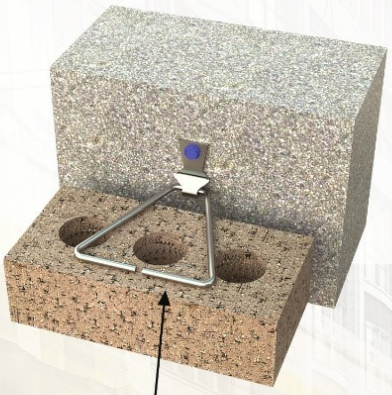
Dovetail Slot

Dovetail Slot 1″ width, 10′ lengths available in 16, 22, 24 and 26 gauge mill galvanized, hot dipped galvanized and stainless steel.

#1304

Foam Filled

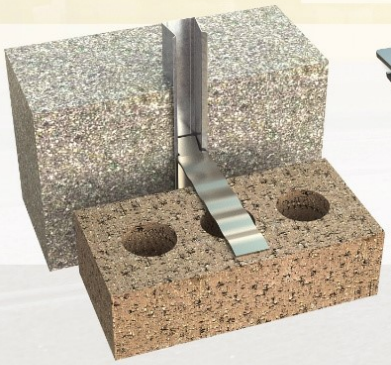




Dovetail Triangular Tie

For anchoring masonry to concrete with #1304 Dovetail Slot or or with a wedge expansion bolt. Dovetail is 12 gauge x 7/8″ with a 5/16″ diameter hole. Triangle is 3/16″ or 1/4″ diameter with various lengths. Finishes; mill galvanized, hot dipped galvanized and stainless steel.

#2102



#2200

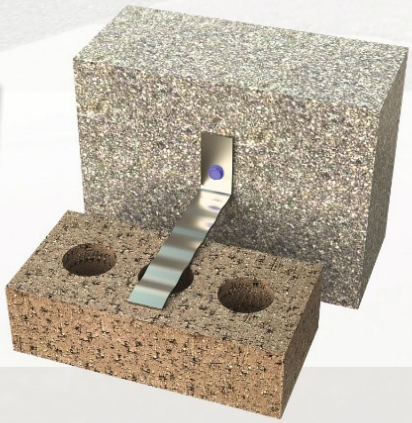
Dovetail Corrugated Tie

12 or 16 gauge x 1″ wide. Standard lengths are 3-1/2″, 5-1/2″and 7-1/2″ long. Finishes: mill galvanized, hot dipped galvanized and stainless steel.

Veneer Anchor Corrugated

16 gauge x 1-1/4″ wide. Standard lengths are 3-1/2″, 4-1/2″, and 5-1/2″. 1-1/2″ bend with 5/16″ diameter hole is standard. Custom sizes are available upon request. Finishes: mill galvanized, hot dipped galvanized and stainless steel.

#2501



MASONRY TO CONCRETE

WIRE-BOND

Tapcon SureTie's

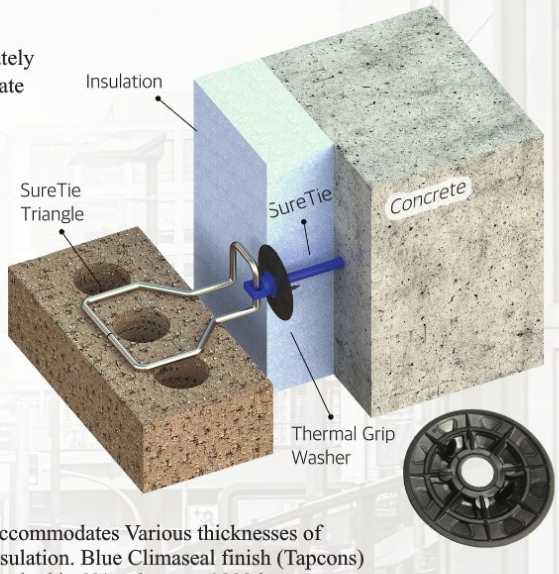
Tapcon® SureTie's allow positive contact with concrete or wood stud. Compression and tension loads in the veneer are transferred to the backup. High strength barrel and slotted head fabricated from carbon steel. Manufactured and tested in conformance with SAE J78 (self-drilling and self-tapping screws). SureTie holds insulation in place, permitting contractors to install 4'x 8' sheets with ease, saving time and money.

SureTie Tapcon

#4530

SureTie quickly and accurately pierces insulation to penetrate concrete in brick veneer applications.

#4510



#4590

Specially designed chuck adapter allows the SureTie's slotted head to easily slip in with a straight & snug fit.

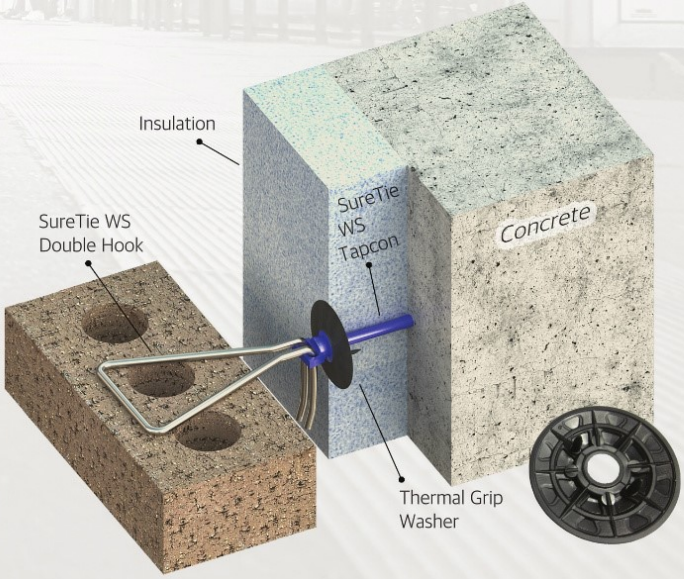
Accommodates Various thicknesses of insulation. Blue Climaseal finish (Tapcons) resulted in 0% red rust at 1000 hours exposure to ASTM B-117 salt spray testing.

SureTie WS Tapcon US Pat. #9809955

#4532

Designed with a Wide Slot to accept the #4515 SureTie WS Adjustable Double Hook,

#4515



SureTie WS installs faster and easier than ever, saving you time and money.

WIRE-BOND

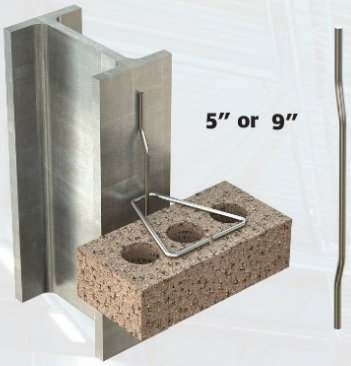
MASONRY TO STEEL COLUMNS

Type I and II Anchors

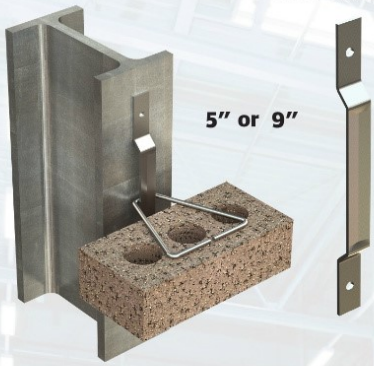
Individual or continuous ties weld-on to steel column or screw on to steel. Type I available in 1/4″ wire. Type II available in 12 gauge (plate). Finishes: mill galvanized, hot dip galvanized, stainless steel.

*Note: In accordance with **TMS 402/ACI530 Code** require-ments. **WIRE-BOND**® does not recommend **Type II** anchors for steel stud backup.*

#1000 Type I



#1001 Type II



Fire-Proofing Anchor

Permits spray-on of fire-proofing foam. Available in 1/4″diameter. Mill galvanized and hot dip finish available. Offset varies depending on thickness of fire-proofing.

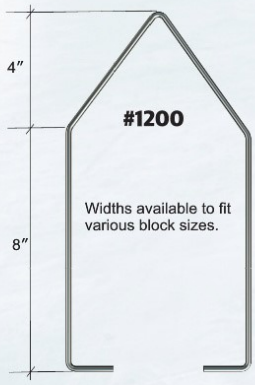
#1010

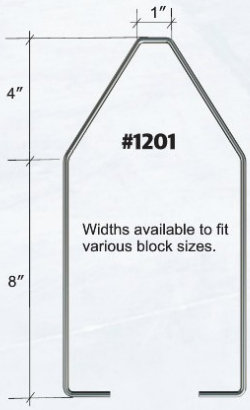
#1002 Type I Continuous

#1003 Type II Continuous

Beam Ties

Constructed of steel wire meeting requirements of ASTM A 82. Available in 3/16″ or 1/4″ wire. Finishes: mill galvanized, hot dip galvanized and stainless steel.

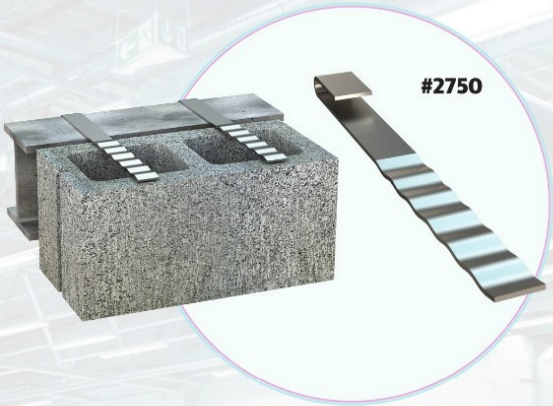


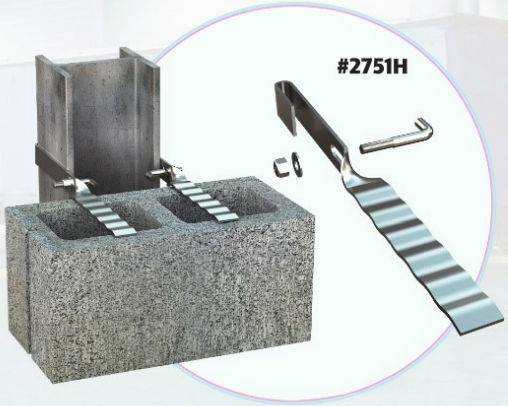


MASONRY TO STEEL COLUMNS

Column & Beam Anchors

Designed to anchor masonry to structural steel columns or beams. Standard dimensions are 12gauge thick x 1-1/4″ wide. Finishes: Mill Galvanized, Hot Dipped Galvanized or Stainless Steel. Custom dimensions available upon request.





MASONRY TO STEEL COLUMNS

Channel Slots

Designed to anchor masonry to structural steel columns or beams. Dimensions are 12gauge thick x 1-3/4″ wide.

#1302
8″

#1301
126″

Channel Slot Anchor (corrugated)

12 gauge or 16 gauge x 1-1/4" wide 3-1/2", 4-1/2" and 5-1/2" standard lengths.
Custom sizes available

#1401

mill galvanized,
hot dip galvanized
or stainless steel

Channel Slot Anchor

12 gauge or 16 gauge x 1-1/4"wide x various lengths.

#1402

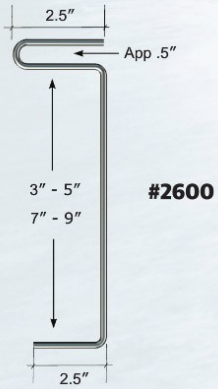
Notched Column Anchors

Dimensions are 12 gauge thick x 2" wide x 7" long with 2" bend. Flange slot is 5/8" wide x 1" deep, located 1" from end, custom sizes are available. Finishes: Mill Galvanized, Hot Dip Galvanized and Stainless Steel

#2800
#2801

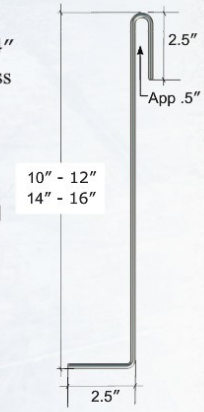
Column Flange Ties

For tying masonry to steel columns. Constructed of steel wire meeting requirements of ASTM A 82. Available in 3/16″ or 1/4″ wire. Finishes: mill galvanized, hot dip galvanized, and stainless steel.



#2600

#2601

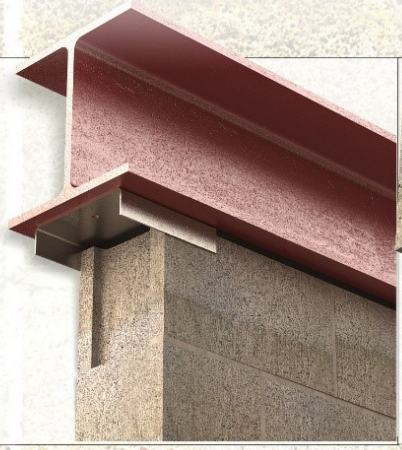


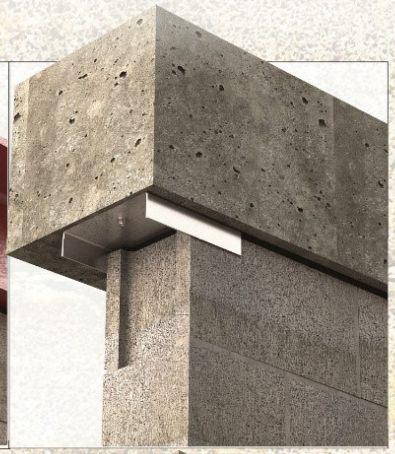
PARTITION TOP ANCHORS

PTA Series Anchors

Partition Top Anchors have been designed to provide lateral shear resistance at the upper limit of the wall. They permit vertical movement of slab above, without transferring compression loads to wall below. Finishes: mill galvanized, hot dipped galvanized and stainless steel.

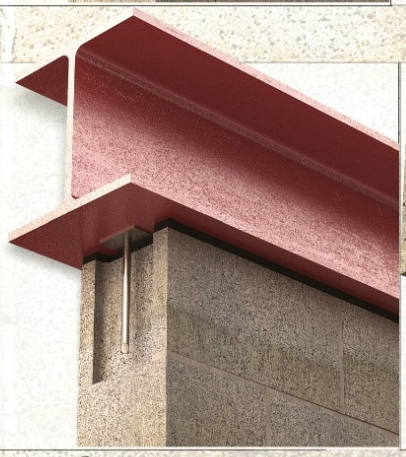
PTA #4310

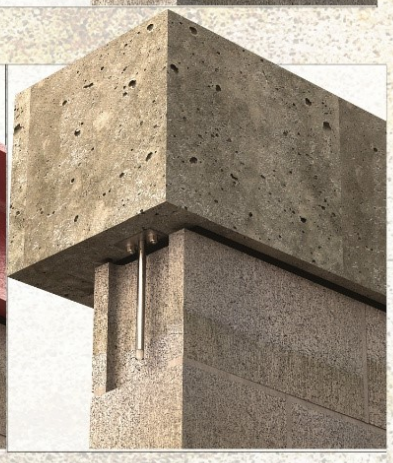




PTA #4301

Average
Shear Load:
4,400 (lbs)



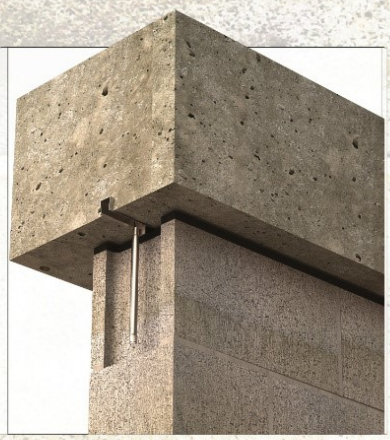


PTA #4300

Average
Shear Load:
1,470 (lbs)

PTA Tube

PTA tube with expansion filler is placed over the anchor to allow deflection. Joint is filled with mortar, fully surrounding the tube. Used with the #4300 and #4301

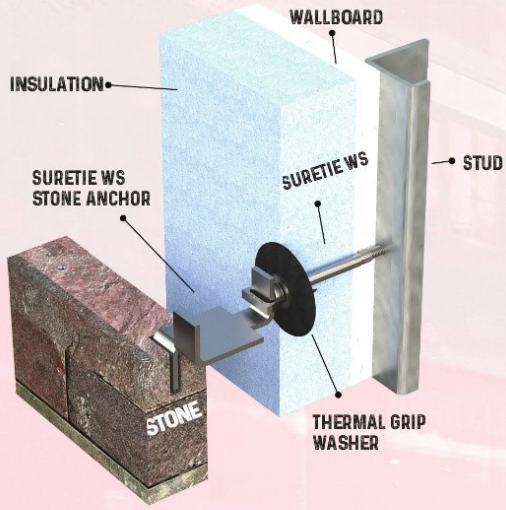


WIRE-BOND

STONE ANCHORS

SURETIE WS STONE ANCHOR

SureTie Stone Anchor is designed for easy and effective stone anchor attachment when sheathing/insulation is installed over the backup wall. SureTie allows positive contact with steel stud backup.



Compression and tension loads in the veneer are transferred to the steel stud backup.

US Pat. #9809955

#4540

Designed with a Wide Slot to accept the SureTie WS Stone Anchor.

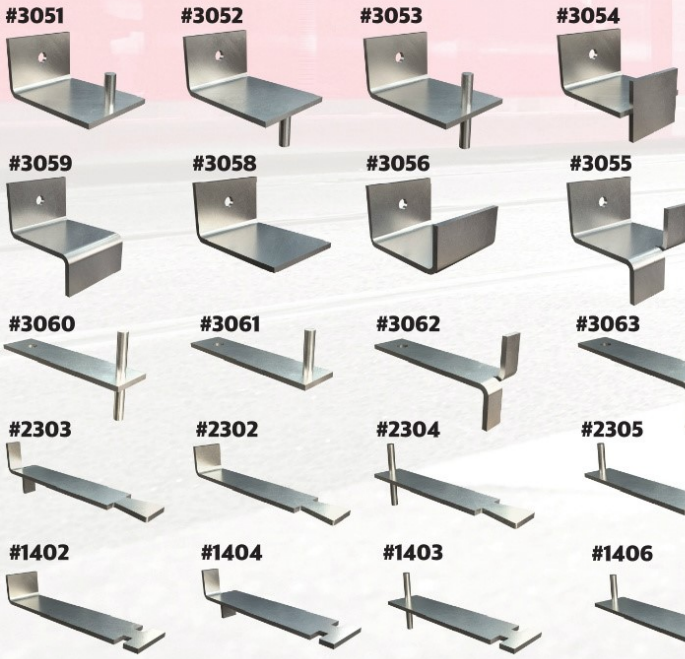
#4522

TESTED FOR THERMAL BRIDGING

"Sure-Tie fasteners do not create any measurable thermal bridging effects on the wall system."

STONE ANCHORS

These are just a few of the more commonly used anchors for stone. Our specialized manufacturing facilities make it possible for us to shear, punch and bend anything from light gauge mill galvanized material to 1/2" thick stainless steel. We also hot dip on premises and ensure a quick turn around time to meet your construction deadline.



Stone Anchor quote sheets are available at wirebond.com. Download the pdf and enter the dimensions desired and email to stoneanchors@wirebond.com or fax to us @ 704-525-3761.

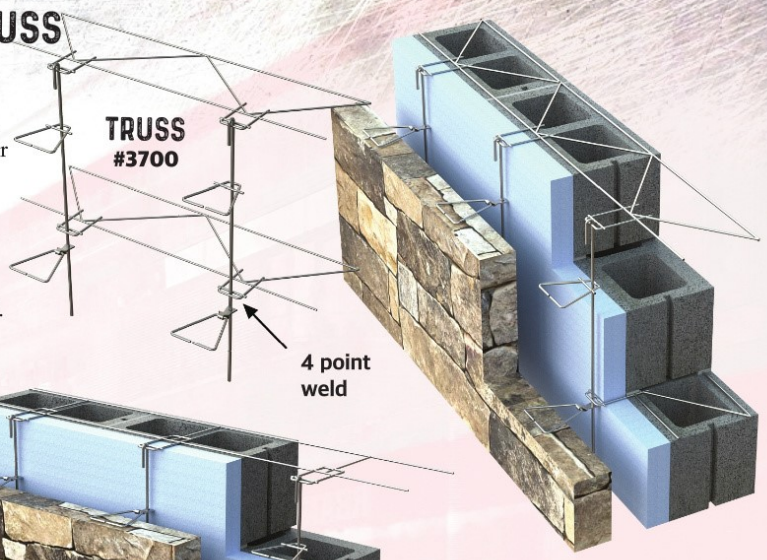
STONE SYSTEMS

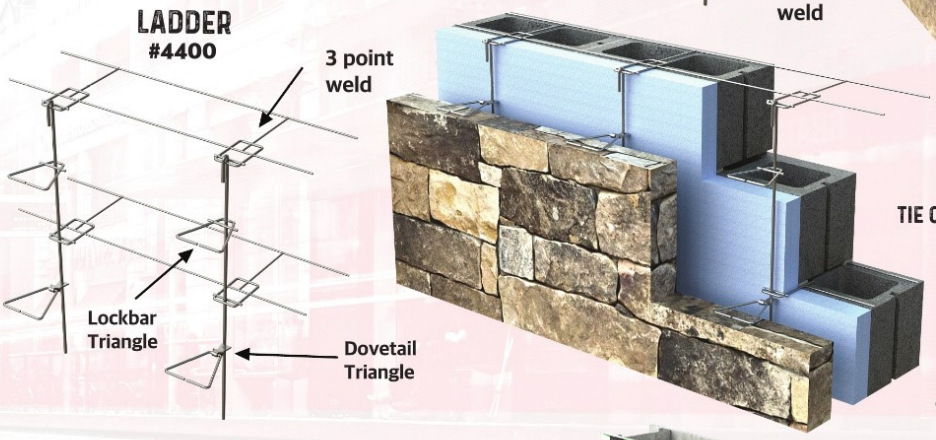
WIRE-BOND

STONE TAB LADDER AND TRUSS

Use with natural or manufactured stone. Ladder or Truss reinforcement with tabs, plus 1/4″ or 3/8″ rod. Either triangular and rectangular ties with lock bar or dovetail triangle can be used. Adjusts with natural coursing of stone.

- Standard Weight (9ga x 9ga).
- Heavy (3/16″ Side Rods x 9ga Cross Rods).
- Extra Heavy (3/16″ Side Rods x 3/16″ Cross Rods).
- Tabs are 3/16″ diameter standard.

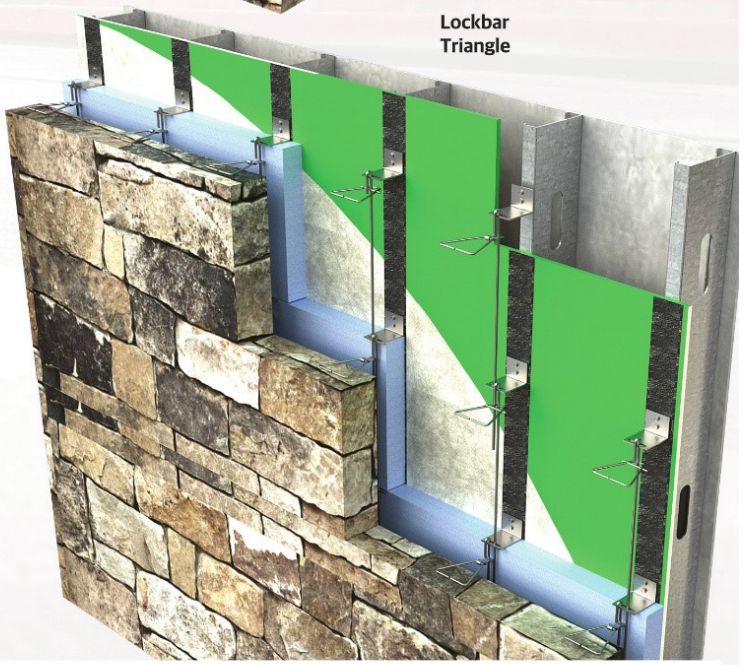




STONE ANCHOR SYSTEM

Adjustable Stone Anchor System for Rubble (Ashlar) Stone designed for concrete or metal stud backup walls.

An L-shaped bracket is attached to the backup
Place the vertical rod into the projecting oblong eyelet as shown
Rubble stone can then be tied easily to the backup using these flexible ties wherever the veneer mortar joint may lie.
Ideal for when horizontal mortar joints do not align, and a large amount of vertical adjustability is required.



WIRE-BOND

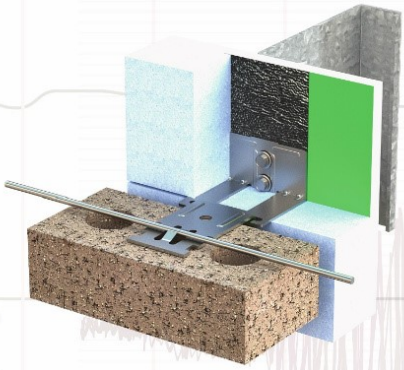
SEISMIC PRODUCTS

RJ-721 Anchoring System

The RJ-721 is comprised of a slotted plate with legs (2421) and a heavy duty seismic adjustable anchor (2422). The seismic anchor is notched to accept 9 gauge or 3/16″ continuous wire. The seismic lug allows straight and cut wire to run horizontally along the bed joint in brick veneer. Finishes: hot dipped galvanized and stainless Steel. **#2421 Plate** : available in 14 and 12 gauge. **#2422 Anchor** : Available in 11 and 12 gauge.

#2421 Plate :
Lengths can accommodate up to 3-1/2″ of insulation.

 # 2422 Seismic Anchor :
2″ wide, 3-1/2″, 4-1/2″ and 5-1/2″ lengths.



 # 2422:
Standard leg has a maximum vertical adjustment of 1-1/4″.

Channel Slot Anchor Seismic

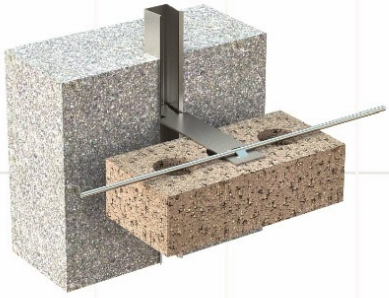
Meeting seismic code. The seismic lug forms a channel in brick veneer for continuous 9 gauge or 3/16″ wire. 12, 14, and 16 gauge x 1-1/4″ wide. Standard lengths: 3-1/2″, 4-1/2″, and 5-1/2″ Other lengths available upon request. Finishes: mill galvanized, hot dipped galvanized, and stainless steel.

Dovetail Anchor Seismic

Meeting seismic code. The seismic lug forms a channel in brick veneer for continuous 9 gauge or 3/16″ wire. 12, 14, and 16 gauge x 1″ wide. Standard lengths: 3-1/2″, 4-1/2″, and 5-1/2″ Other lengths available upon request. Finishes: mill galvanized, hot dipped galvanized, and stainless steel.

Seismic Veneer Anchor

Meeting seismic code. The seismic lug forms a channel in brick veneer for continuous 9 gauge or 3/16″ wire. 12, 14, and 16 gauge x 1-1/4″ wide. Standard lengths: 3-1/2″, 4-1/2″ and 5-1/2″ Other lengths available upon request. Finishes: mill galvanized, hot dipped galvanized, and stainless steel.



SEISMIC PRODUCTS

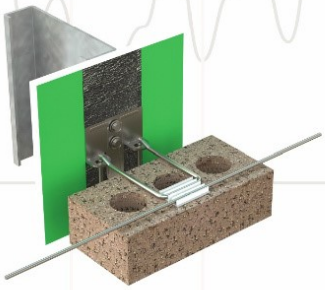
Plastic Seismic Clip

Plastic Seismic Clip (PSC) accepts both 9 gauge and 3/16″ diameter pencil rod. Can be used in any adjustable system consisting of a pintle or triangle and horizontal joint reinforcing wire.

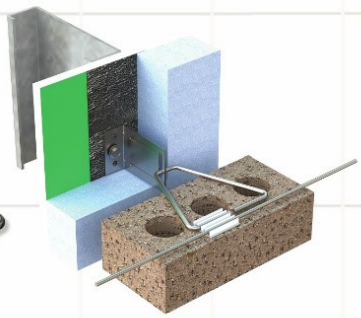
#019 Double Hook

#3690

Dimensions:
5/16″ X 1-1/2″ X 1-3/4″

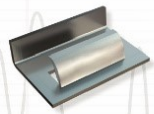


#1100 Triangle

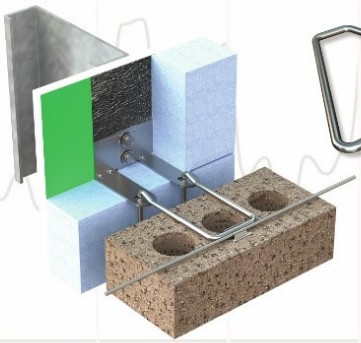


WIRE-BOND Metal Seismic Clip (Welded)

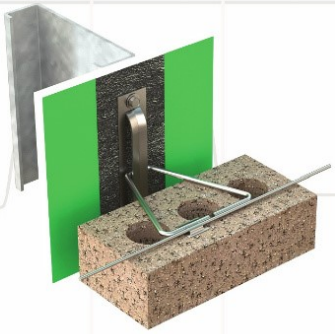
The WIRE-BOND® Metal Seismic Clip Can be used in any adjustable system consisting of a pintle or triangle and horizontal joint reinforcing wire.



#0193 Double Hook with welded seismic clip

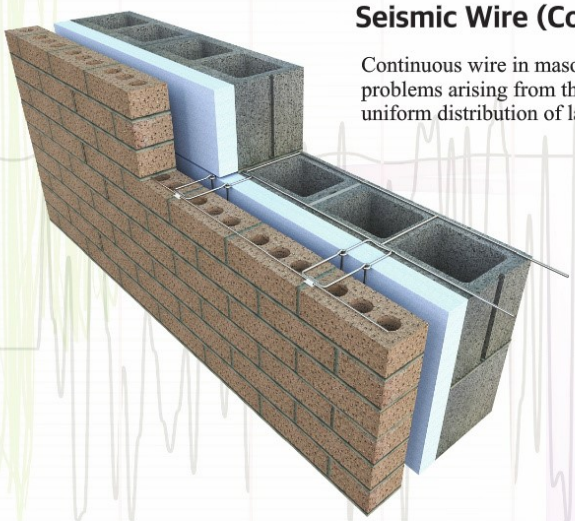


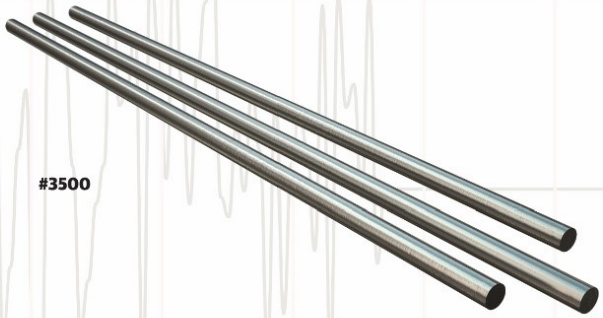
#1100C Seismic Triangle



Seismic Wire (Continuous Straight & Cut)

Continuous wire in masonry veneer walls provides additional protection against problems arising from thermal expansion and contraction while allowing a more uniform distribution of lateral forces.





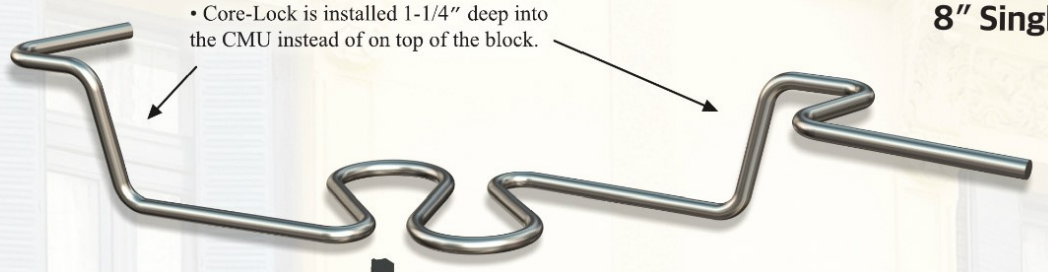
#3500

WIRE-BOND

REBAR POSITIONERS

CORE-LOCK Patent No. US 8,122,675 B2

8″ Single



• Core-Lock is installed 1-1/4″ deep into the CMU instead of on top of the block.

• Design prevents any movement during installation.

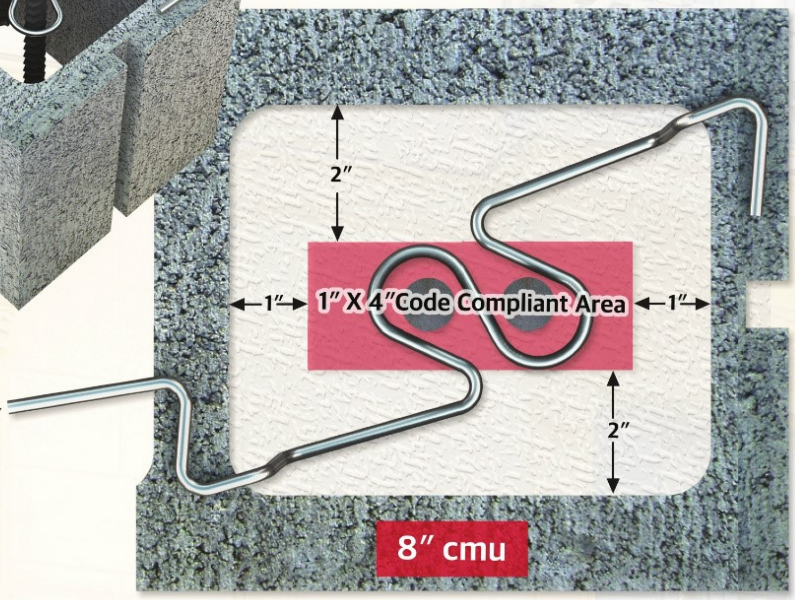
• Diagonal positioning in the core ensures that rebar is always centered automatically when using the single positioner and in the same plane as the block.

• Does not interfere with installation of wire reinforcement.

• One-piece design with no welds.

• Available for all sizes of block.

Guarantees Code Compliance



• Safety bend ensures correct installation.

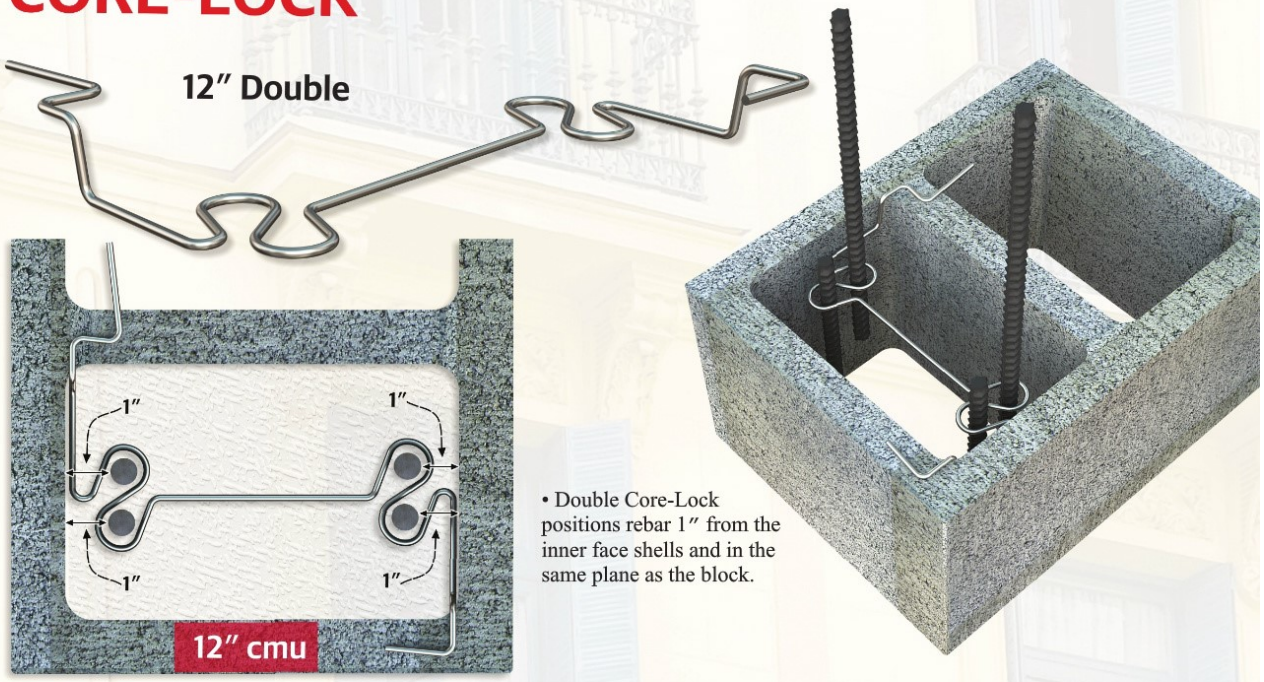
• 9 gauge mill galvanized, hot dipped and stainless steel finishes.

REBAR POSITIONERS

WIRE-BOND

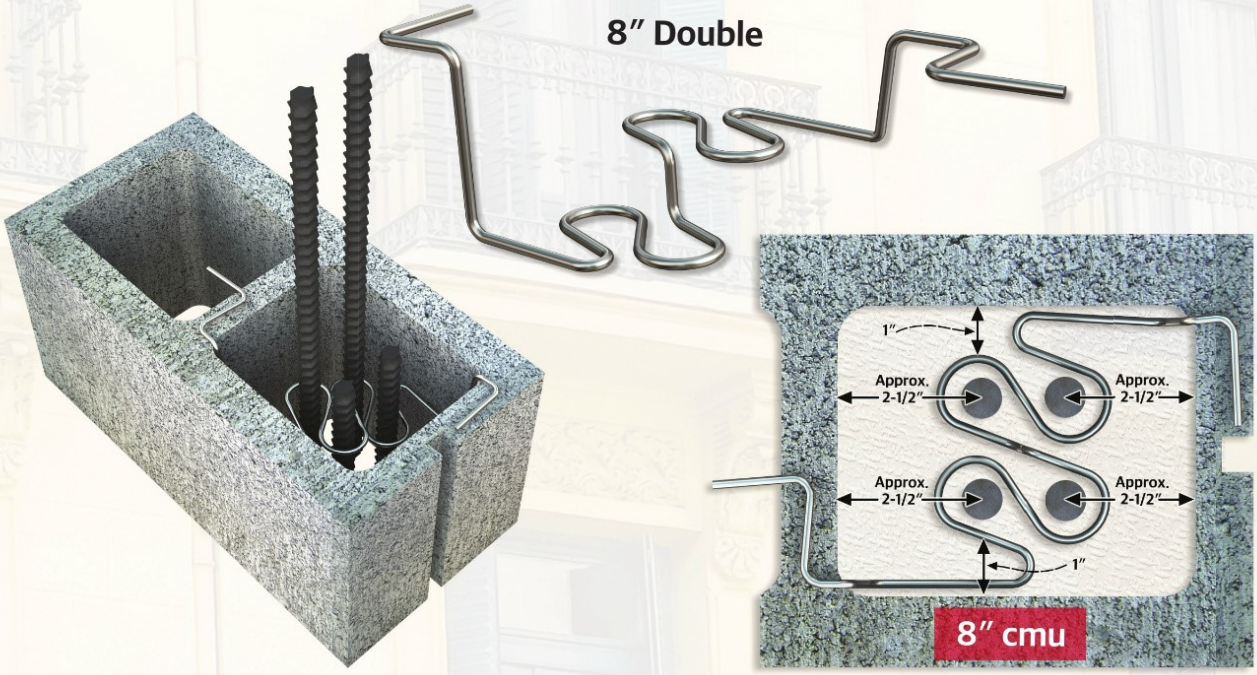
CORE-LOCK

12″ Double



• Double Core-Lock positions rebar 1″ from the inner face shells and in the same plane as the block.

8″ Double

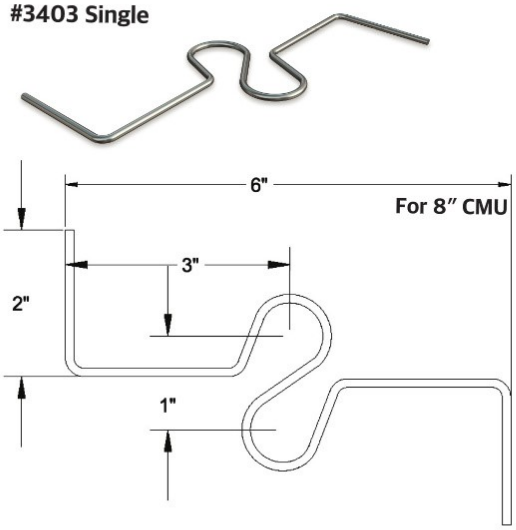


REBAR POSITIONERS

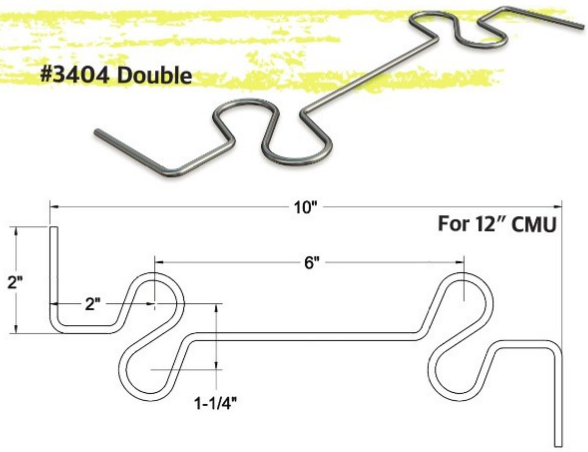
Figure 8 Rebar Positioners

Figure 8 rebar positioners are designed to position rebar in the center of the block. Available for all sizes of CMU. Manufactured from 9 gauge wire. Available finishes: mill galvanized, hot dipped galvanized and stainless steel.

#3403 Single



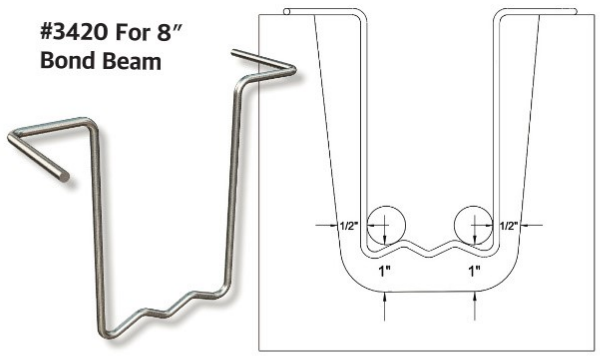
#3404 Double



Bond Beam Positioners

Patent No. US D 651,067 S

#3420 For 8″ Bond Beam



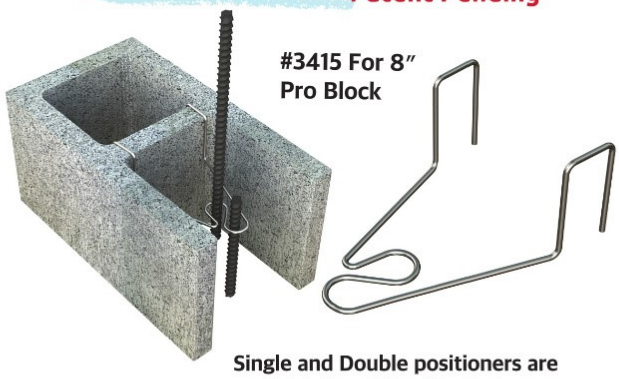
Guarantees maximum strength by positioning bars in the lower 1/3 of the bond beam meeting building code requirements.

Also Available for 12″ Bond Beam

Pro Block Rebar Positioners

Patent Pending

#3415 For 8″ Pro Block

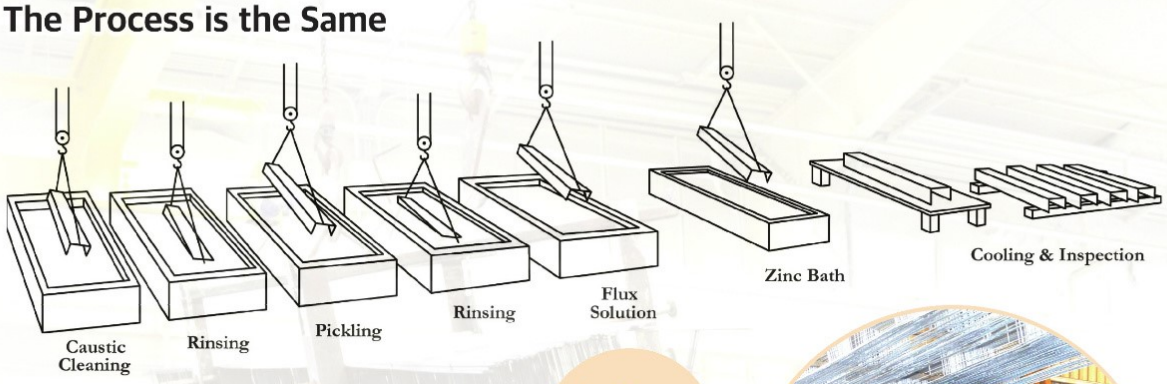


Single and Double positioners are available for all Pro Block sizes.

8″ Pro Block positioner is specially designed to ensure that rebar is centered in core and code compliant.

GALVANIZING SERVICES

The Process is the Same



Kettle:
Length 14′
Width 4′-2″
Depth 6′-0″

The Service is Superior

With 25 years of galvanizing experience, Wire-Bond has perfected galvanizing masonry reinforcing products. After repeated requests from local companies we launched our galvanizing services in 2016. We specialize in small part galvanizing. Below are examples of parts we've galvanized.

Examples of parts we've galvanized.

- wire forms
- stamped parts
- anchor bolts
- fasteners
- wire mesh
- miscellaneous fabricated parts
- utility pole hardware
- small weldments
- concrete embebds
- formed rebar

We can meet the requirement of ASTM A123, A153 or other customer requested standards.

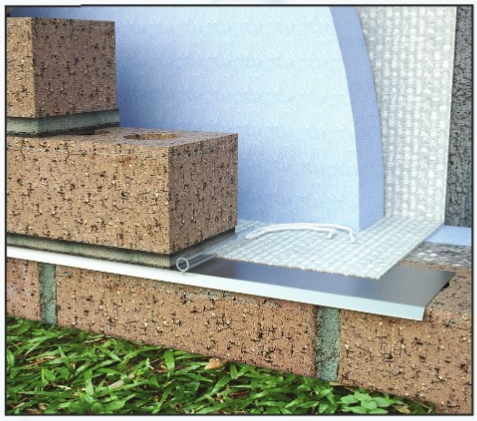
WEEPS, VENTS & RAINSCREEN

Weepholes

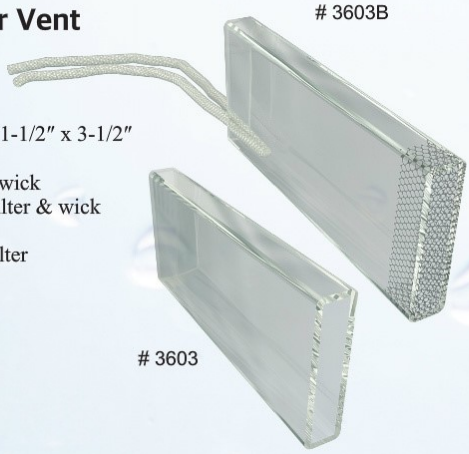
Clear round plastic weep holes are manufactured from Medium Density Polyethylene.

Dimensions: 3/8″ O.D. x 1/4″ I.D. x 4″

#3600I – stainless steel filter & wick
#3600H – copper filter
#3600G – stainless steel filter
#3600W – wick
#3600F – brass filter & wick
#3600J – copper filter & wick



Clear Rectangular Vent



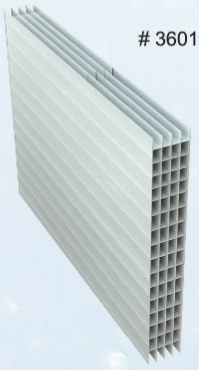
Made from
Clear Rigid PVC

Dimensions: 3/8″ O.D. x 1-1/2″ x 3-1/2″

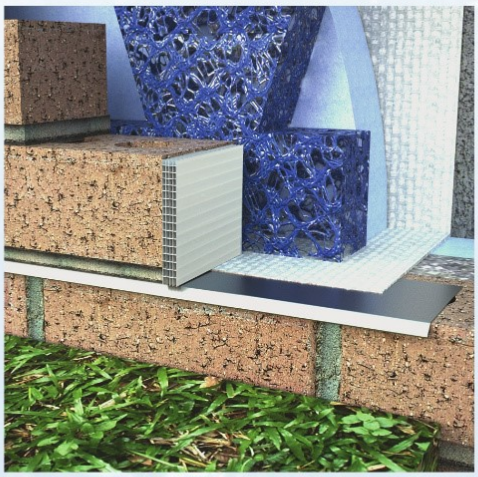
#3603B – bronze filter & wick
#3603T – stainless steel filter & wick
#3603F – bronze filter
#3603S – stainless steel filter
#3603W – wick

Cell Vent

Cell Vent **(ultra violet resistant polypropylene co-polymer)** consists of many small, adjacent passageways bonded together in one unit. Cellular composition provides easy drainage for moisture along the full height of the head joint.



Standard size : 3/8″W x 2-1/2″D x 3-3/8″L
Jumbo size: 3/8″W x 3-1/2″D x 3-3/8″L
Available Colors: Clear / White / Tan / Cocoa / Gray / Brown / Black



Mortar Net WeepVent™

WeepVent for masonry cavity walls helps ensure that moisture can migrate out and air can circulate into the cavity, and that insects can't enter the cavity through the weep holes. The product's compressibility means it can completely fill the weep holes, and "prickly adhesion" holds the WeepVent in place without fasteners or adhesives.

90% open-weave polyester mesh. Available in Brown, Red, Tan, Almond, Gray, White, and Black (New). Custom sizes and cuts available on request

Louvered Weephole

Allows moisture to leave the wall and not re-enter. Protective strips on top prevent mortar droppings from clogging opening.
Fits varying joint widths from 5/16″ to 3/4″.
Manufactured from flexible PVC.

Sizes: 2-1/4″, 2-7/8″ and 3-1/2″ high

Cavity Net RS

Cavity Net RS is perfect for all exterior siding applications. Our innovative rainscreen technology equalizes the air pressure within the wall system by creating a drainage and ventilation cavity between the weather resistant barrier (WRB) and the exterior wall. This design allows excess moisture to drain from the wall system and allows ventilated air to circulate and dry the interior wall components.

Cavity Net RS
(.25 in. / 6mm)

Roll Width: 39 in. (99.06 cm)
Roll Length: 61.5 ft. (18.75 m)
Coverage: 200 sq. ft. (18.58 m2)
Packaging: 18 rolls per skid

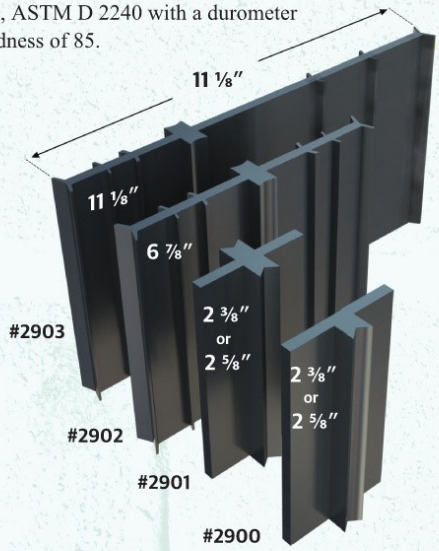
Cavity Net RS
(.40 in. / 10mm)

Roll Width: 39 in. (99.06 cm)
Roll Length: 40 ft. (12.19 m)
Coverage: 130 sq. ft. (12.08 m2)
Packaging: 18 rolls per skid

CONTROL & EXPANSION JOINTS

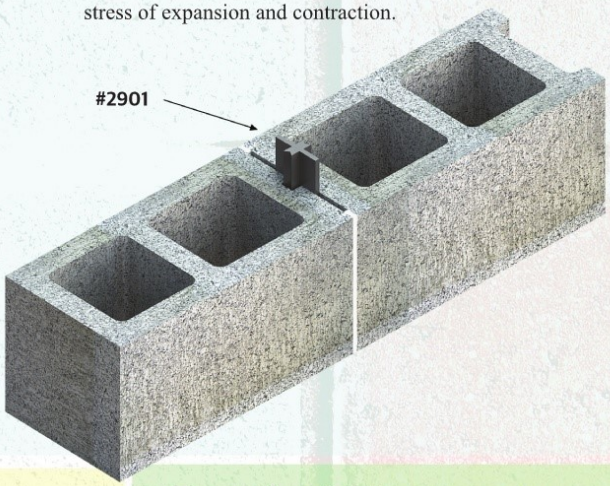
Rubber Control Joint

Rubber control joints are available in all sizes. Conforms to ASTM D 2000 2AA 805, ASTM D 2240 with a durometer hardness of 85.



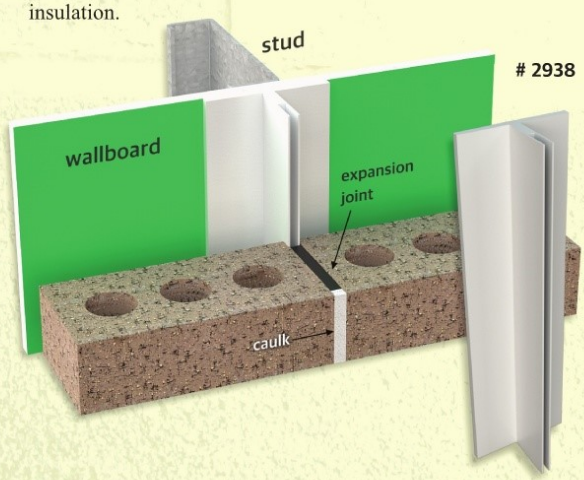
PVC Control Joint

Extruded from a specially formulated PVC compound with 85 durometer hardness conforming to ASTM D 2287 Type 654, ASTM D 2240. It is designed for use in solid or cavity masonry wall construction at pilasters, columns, inter-sections or other joints. In long walls, control joints at 30-foot intervals are recommended to provide resilient resistance to cracking under stress of expansion and contraction.



Plumb-Rite

Plumb-Rite is a T-shaped PVC product that assists in keeping vertical joints in precise alignment where control joints and expansion joints are used in a masonry wall. Plumb-Rite is rigid enough to keep a 3/8″ vertical joint consistently straight. It is flexible enough — with a special slotted stem — to allow for expansion of the brick. May be attached to wood, steel, and block back-ups with either nails, screws or mastic. When insulation is used in the cavity, foam board adhesive is simply applied to the back of the Plumb-Rite and adhered to the insulation.



Expansion Joints (Closed Cell Neoprene)

Compression up to 50%; manufactured of closed cell neoprene conforming to ASTM D 1056, RE41.

 # 3300
Adhesive on one side. 1/4″ x 2-3/4″ x 50′ Packed 500 feet per box.

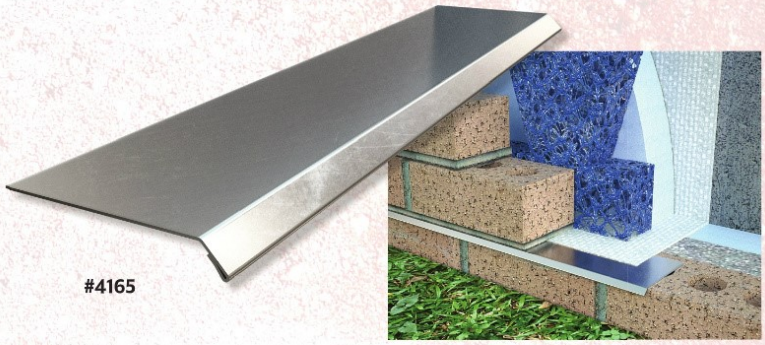
Custom Sizes Available

 # 3300
Non adhesive. 3/8″ x 3″ x 50′ Packed 500 feet per box.

FLASHING PRODUCTS

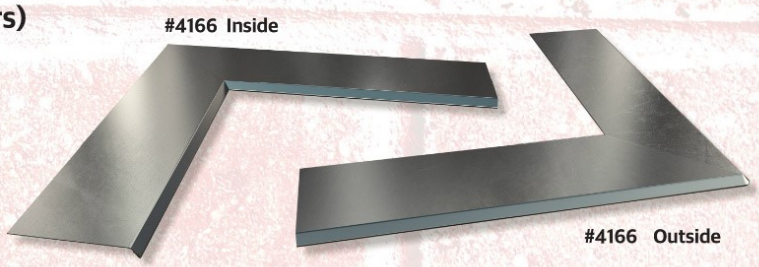
Drip Edge Flashing

Creates an extension beyond the wall plane and turned down at an angle of 45° to form a drip. Forces moisture away from the wall surface.
DIMENSIONS / GAUGES: * Standard 26ga x 3″ or 1-1/2″ wide by 8′ sections. 3/8″ 45° lip with a 3/16″ closed hem. * Packaged 25 per box.
FINISHES: * Type 304 stainless steel


#4165

Drip Plates (Drip Edge Corners)

Provides a continuous system when used with sections of drip edge.
DIMENSIONS / GAUGES: * Standard 26ga x 3″ or 1-1/2″ wide by 12″ x 12″ sections. 3/8″ 45° lip
FINISHES: * Type 304 stainless steel


#4166 Inside

#4166 Outside

Termination Bar 4200

Termination Bar attaches flashing to back-up wall.
DIMENSIONS / GAUGES: * Flat aluminum 1/8″ x 1″ wide by 10′ sections with 3/8″ slotted holes, 8″ O.C. * Flat stainless bar 1/8″ x 1″ wide by 10′ sections: holes 5/16″, 16″O.C.
FINISHES: * Aluminum / Type 304 stainless steel **(Also available in PVC and Mill Gal)**
PACKAGING: 50pcs/tube -Aluminum, all other fineshes sold per piece.


#4200

Termination Bar 4210

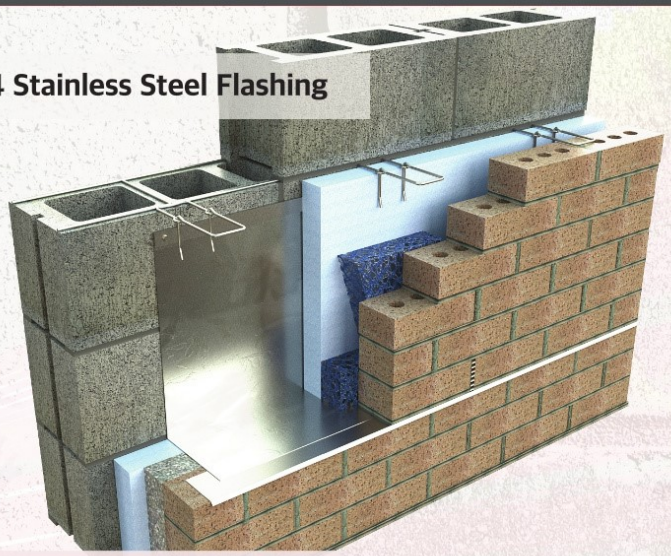
Termination Bar attaches flashing to back-up wall. Lip provides a channel for caulking at top of bar to prevent moisture penetration.
DIMENSIONS / GAUGES:
* 26 gauge x 1-1/2″ wide by 8′ sections: 3/8″ 45° lip with a 3/16″ closed hem. Holes: 5/16″, 8″O.C.
FINISHES: * Type 304 Stainless Steel / Aluminum


#4210

FLASHING PRODUCTS

BOND -N- FLASH SA Self-Adhering 304 Stainless Steel Flashing

BOND-N-FLASH S.A.™ stainless steel composite flashing consists of 2 mils of stainless steel (type 304) bonded to a permanent clear (PSA) adhesive with a removable silicone coated release liner. BOND-N-FLASH S.A. is a self-adhering flashing which can be applied from 20 Degrees F to 180 Degrees F. When necessary, BOND-N-FLASH S.A. is to be applied as part of a system using both BOND-N-FLASH Primer and BOND-N-FLASH Mastic.



#4160

BOND -N- FLASH Mastic #4161

Bond -N- Flash™ Mastic is an all weather butyl mastic specially formulated to permanently seal all laps, seams and terminations in the application of Bond -N- Flash™ stainless steel membrane flashing.

BOND -N- FLASH 304 Stainless Steel Flashing

BOND-N-FLASH™ is a stainless steel flashing consisting of a 2 mil type 304 stainless steel sheet laminated on one side with a layer of a synthetic fabric film.

Life of the Wall Warranty!

BOND -N- FLASH has been tested to meet ASTM E84 for fire resistance. With exceptional UV protection performance, effortless pliability and excellent puncture and tear resistance, BOND -N -FLASH is designed to perform while lasting the life of the wall structure.

Uses: May be applied to concrete, brick, stone, metal, wood, PVC, and most plastics and painted surfaces. Used primarily as a secondary seal on horizontal and vertical seams, overlaps, punctures, other terminations such as end dams and protrusions.

BOND -N- FLASH Primer (Winter Grade)

BOND-N-FLASH Primer is a solvent based primer specifically formulated for harsh winter temperatures and difficult substrate surfaces. It is used to enhance the permanent adhesion of the BOND-N-FLASH stainless steel membrane to all horizontal and vertical surfaces. BOND-N-FLASH Primer provides an immediate grab surface for the BOND-N-FLASH membrane establishing a fusion between the primer and the membrane.

Uses: May be used on concrete, masonry, metal, and wood.

BOND -N- FLASH Primer (Water Based)

BOND-N-FLASH Primer is an acrylic water based PSA (pressure sensitive adhesive) which is used to promote permanent adhesion of the BOND-N-FLASH stainless steel membrane to all horizontal and vertical surfaces. BOND-N-FLASH Primer provides an immediate grab surface for the BOND-N-FLASH membrane establishing a fusion between the primer and the membrane.

Uses: May be used on concrete, masonry, metal wood, and polystyrene board.

FLASHING PRODUCTS

MAS -N- FLASH Asphalt Free

Mas-N-Flash is a high performance self-adhered waterproof membrane that can be applied down to -20°F (-28°C) without the use of primer or mechanical fasteners on most substrates.

Features:
- 6 month exposure rating
- Fully adhered system
- No Primer needed
- Can be applied to damp surfaces
- No VOC's, HFCC's, nor CFC's
- Split release liner for easy application
- Seals around properly installed fasteners

SIZES:
WIDTHS: 12″, 18″ and 24″
Roll Length is 75ft.

Used as a primerless self-adhered Thru-Wall flashing.

Compatible with and will adhere to most construction surfaces:

Wood, Concrete CMU Block, OSB Plywood, Glass mat exterior sheathing products, Foam insulation board, ICF, Metal, TPO and EPDM.

EPDM Thru-Wall Flashing

EPDM thru-wall flashing membrane is a flexible EPDM rubber membrane that forms a moisture retarder in cavity wall construction by redirecting water to a building exterior.

Sizes: 12″, 16″, 18″, 24″, 36″ widths. 40 Mils Nominal Thickness, 50 lineal feet per roll.

#4192

Exhibits excellent uniaxial and multiaxial tensile and hydrostatic features, enabling it to withstand typical stresses caused by point loading conditions in a masonry application while maintaining membrane integrity.

EPDM Primer

#4191 PRIMER

Splice Wash SW-100 is designed to clean and prepare Firestone single-ply membranes to receive adhesives as specified by Firestone Specifications and Details.

PVC Flashing

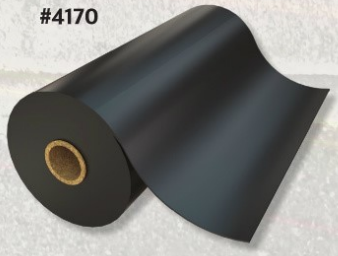
PVC Flashing is a non-reinforced polyvinyl chloride, waterproofed, impermeable sheet, composed of elastomeric substances which have been reduced to a thermoplastic state and formed into a continuous sheet.

PVC Flashing membrane is intended for use as a concealed waterproofing membrane on foundation walls and under concrete slabs and is often used as thru-wall flashing.

#4170

Sizes: 12″, 16″, 18″, 24″, 36″ widths.

Thickness:
20 Mils
30 Mils



Material will not be physically deformed when stretched at room temperature nor will it tear or rip. PVC Flashing 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.

FLASHING PRODUCTS

Aqua Flash 500

Aqua Flash 500 flashing is a composite sheet type waterproofing membrane consisting of 8 mils of high density cross laminated polyethylene bonded to 32 mils of rubberized asphalt for a total thickness of 40 mils.

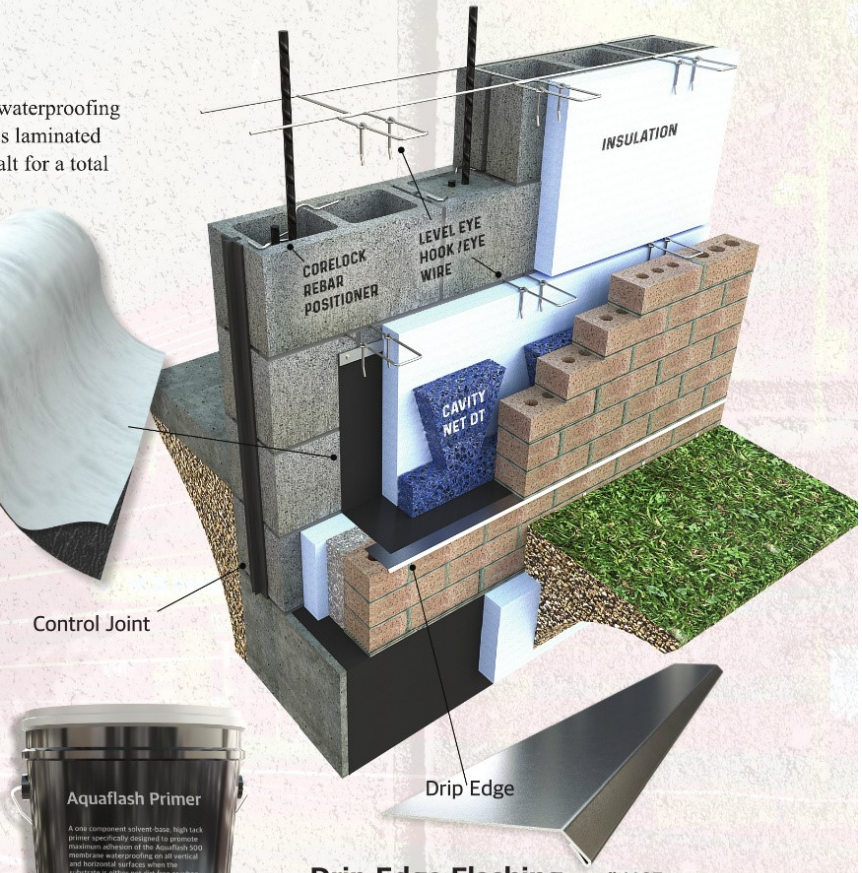
#4120

Applications:

- Thru-wall flashing
- Concealed flashing
- Foundation sill flashing
- Base flashing
- Spandrel flashing
- Head and sill flashing
- Parapet flashing

Sizes:

Available in 12″, 16″, 18″, 24″ and 36″ widths.
Standard length is 50 linear feet.



Aqua Flash Primer #4121

A one component low solvent-based, high tack primer specifically designed to promote maximum adhesion of the Aqua Flash 500 waterproofing membrane on all vertical and horizontal surfaces when the substrate is either not dirt free or when membrane will not adhere properly.

Drip Edge Flashing #4165

Creates an extension beyond the wall plane and turned down at an angle of 45° to form a drip. Forces moisture away from the wall surface.

WIRE-BOND Flashing Mastic

WIRE-BOND® Flashing Mastic is an asphalt base,trowel grade product that dries to a tough flexible waterproof and corrosive proof coating which gives excellent performance over a wide range of temperatures and conditions. *** Complies with all requirements of Federal Specifications SS-C-153 Type I. *** WIRE-BOND® Flashing Mastic is also a great idea for general roof repair including shingle leaks. It clings tightly to wood, slate, metal, asbestos felt, asphalt, concrete and masonry. It forms a strong and flexible rubbery surface to provide years of waterproofing. WIRE-BOND® Flashing Mastic is a recommended mastic to waterproof all laps and joints in copper based laminated flashing.
PACKAGING AVAILABLE: * 5 gallon pails * 30 oz tubes packaged 20 per case.

#4198

FLASHING PRODUCTS

WIRE-BOND

Rhino Bond

Rhino-Bond is a 40 mil thick rugged, easy to install, peel and stick flashing. Rhino-Bond consists of 27 mils of membrane formulated with DuPont's Elvaloy® Kee , 10 mils of butyl adhesive and 3 mils of release paper. A no drool flashing that maintains flexibility in extreme heat or cold.

#4123 Asphalt Free

SIZES:
WIDTHS: 12″, 16″, 18″, 24″ and 36″
Standard length is 50 linear feet.

MATERIAL: 27 mils of membrane formulated with DuPont's Elvaloy® Kee , 10 mils of butyl adhesive and 3 mils of release paper.

FEATURES:
- Pressure – sensitive, clear adhesive that will not drool when exposed to UV or heat.
- Maintains flexibility in extreme heat or cold.
- Not susceptible to UV degradation.
- Highly resistant to oils.
- Will repel most chemicals,

USES:
Thru-wall or surface-mount applications.

Copper Seal

Wire-Bond's copper fabric flashing is a full, single sheet of 3, 5, or 7oz. copper sheet bonded with a rubber based adhesive between two layers of polymer fabric.

#4140 Asphalt Free

SIZES:
WIDTHS: 12″, 16″, 18″, 24″ and 36″
- 3 and 5 oz is 60 linear feet.
- 7 oz is 40 linear feet.

MATERIAL: 3, 5, or 7oz. copper sheet bonded with a rubber based adhesive between two layers of polymer fabric.

FEATURES:
- Compatible with building envelope air barriers, spray foam insulations and rigid board insulations.
- Clean and compatible - no asphalt or parting agents.
- Made of 90% recycled copper.
- Works in all temperatures (-25°F-125°F).
- Life of the wall warranty.
- Lighter weight allows longer 60-ft. rolls for fewer lap joints (40′ for 7oz).
- Compatible with most caulks and sealants; no special flashing mastic needed, polyether sealants are recommended.

USES:
Foundation Sill Flashing, Cavity Wall Flashing, Parapet or Copings, Head and Sill Flashing.

Copper Aqua Flash

Copper Aqua Flash flashing is a composite flexible flashing composed of a layer of polyester film bonded to a solid sheet of soft tempered copper bonded to 32 mils of a highly adhesive SBS modified bitumen (rubberized asphalt) with a removable silicone coated liner.

#4130

SIZES:
WIDTHS: 12″, 16″, 18″, 24″ and 36″
Standard length is 50 linear feet.

MATERIAL: 3 oz. copper sheet laminated with film on one side and bonded to 32 mils of rubberized asphalt for a total mil thickness respectively of 60 mils and 70 mils.

FEATURES:
- By encapsulating the copper in the film and the rubberized asphalt, the copper is completely protected from any alkalis or acids found in concrete or mortar.
- Self-adhering and self-sealing.
- Excellent puncture and abrasion resistance.
- Designed to "self-heal" if damaged slightly during installation, since the adhesive system will elongate and recover.
- High temperature stability.

USES:
Can be applied as part of a system which uses both Aqua Flash primer and mastic. It may be applied to masonry, concrete, steel, wood and gypsum.

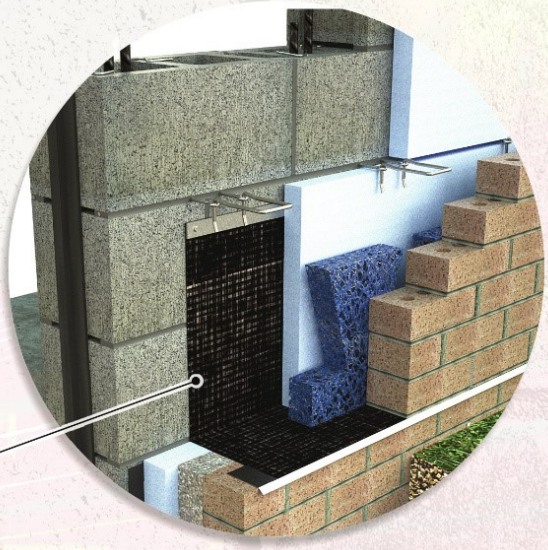
WIRE-BOND

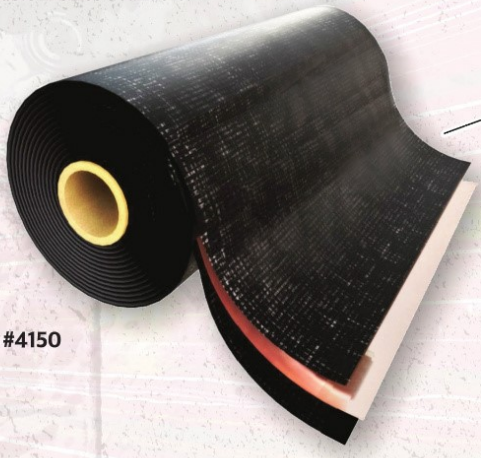
FLASHING PRODUCTS

Copper Fabric Flashing

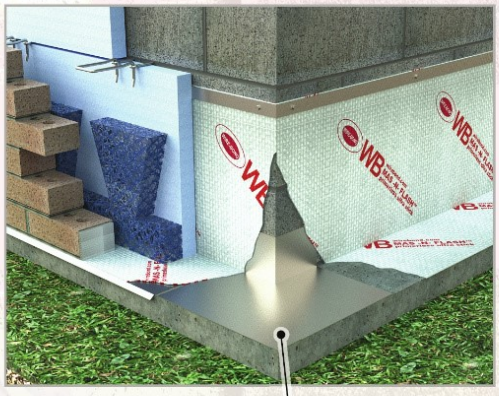
Highest quality laminated copper flashing on the market today. Two layers of dense glass fabric and special blended asphalt are laminated to copper core to produce greater tensile strength and improved puncture resistance. Composition of copper, glass fabric and asphalt will ensure a permanent bond in the mortar joint and protection from moisture.

SIZES: * Available in 3, 5, or 7 oz. per square foot. * Standard widths: 12″, 16″, 18″, 24″ and 36″ * 25 linear feet per roll * Custom sizes available.





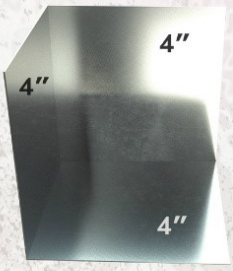
#4150



Stainless Steel Corners & End Dams

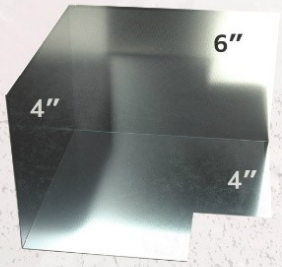
Type 304 Stainless Steel. Installed under flashing for the best protection against moisture penetration at corner sections and end dams.

#4194

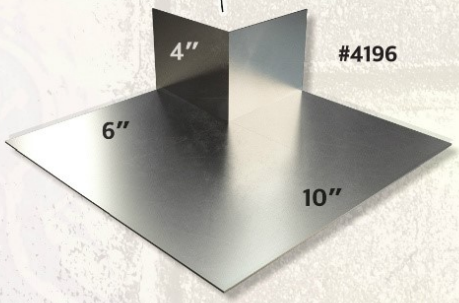


End Dam

#4196



Inside Corner



Outside Corner

Corners & End Dams are also available in Soldered 16 OZ COPPER.

FLASHING PRODUCTS

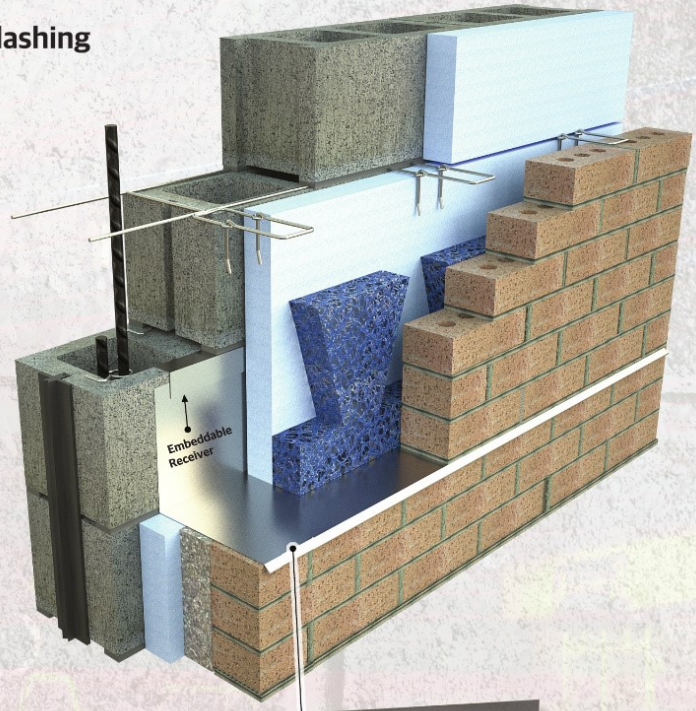
WIRE-BOND

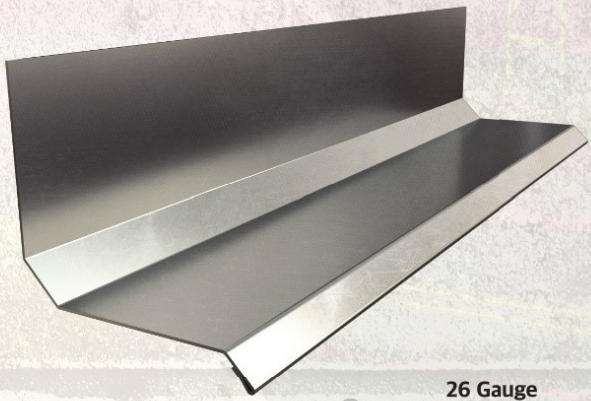
Custom Stainless Steel Thru-Wall Flashing

Through Wall Masonry Flashing metal is a very important part in the construction business. The rigidity of stainless steel makes Thru-Wall Flashing a strong long lasting flashing that is compatible with most sealants.

Stainless Steel Flashing is always custom fabricated, therefore can be custom made to any profile, angle, and size. Normally, these items measure 8' in length but can also be fabricated in 10' lengths, or be pre-cut to size. We can also match any profile.

- Durability, not prone to tears or punctures
- Very long life
- Hemmed drip edges deflect downward migrating water away from the building
- Hemmed drip edges form safe, clean aesthetically attractive lines
- Separate hemmed drip edge piece can supplement the performance of membrane and laminated copper flashing

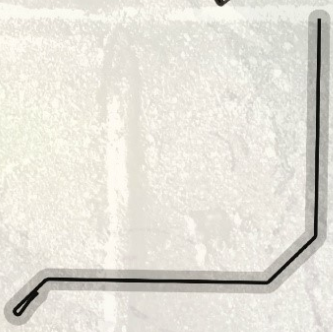




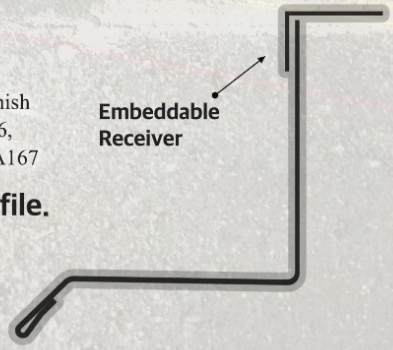
26 Gauge with Drip Edge

Stainless Steel – Type 304 / 2D Finish
ASTM A240/A240M, ASTM A666,
ASTM A480/A480M and ASTM A167

We can match any profile.



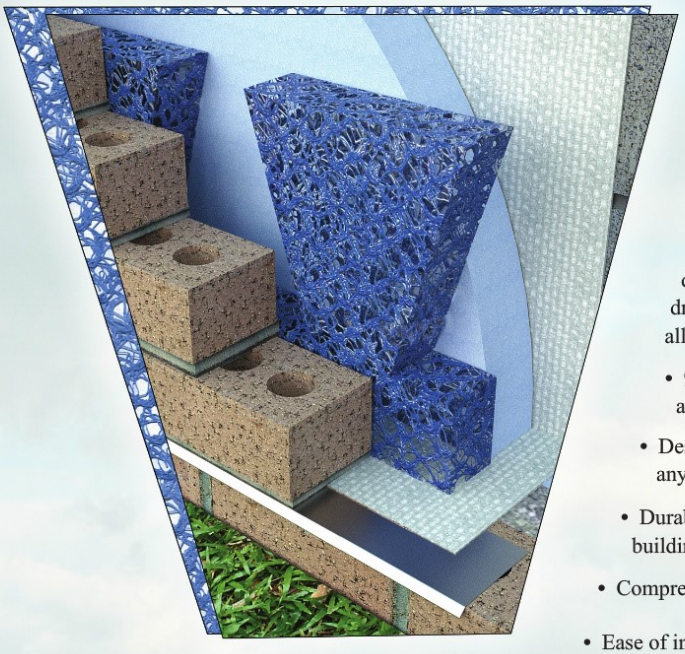
Embeddable Receiver



WIRE-BOND

MORTAR SUSPENSION

CAVITY NET DT



Cavity Net DT : 100 ft. per box.
10″ High x 5′ Long
Thickness : 1″ and 2″ **#3611D**

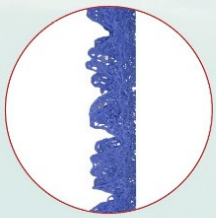
Cavity Net DT is used in masonry cavity wall construction. Manufactured from high-strength nylon with a 95% open three dimensional matrix. Cavity Net DT allows air and water to flow freely. It's unique dovetail shape with continuous base suspends mortar droppings at two levels preventing mortar bridging and allows moisture to exit the wall through weeps or vents.

- 95% Open Nylon Mesh allows unobstructed passage of air and water allowing wall cavity to dry and drain quickly.
- Design permanently suspends mortar droppings preventing any blockage of weep holes.
- Durable nylon composition designed to last the lifespan of the building.
- Compressible to allow for cavity variations.
- Ease of installation - Just place in cavity.

CAVITY NET #3611R

Cavity Net I is a polymer core geomatrix composed of high density polyethylene strands woven into a .80″ **thick mesh.** The design allows moisture to seep down through any mortar droppings and exit the cavity wall through the weep holes. Used in cavity walls ranging from 1″ to 1-3/4″ in width.

Cavity Net II is a 1.5″ thick high density polyethylene goemetric design used for cavities 2″ and wider. **The staggered dimples** design suspend mortar droppings and redirects moisture to the exterior by way of the weep holes. The slightly narrower design helps avoid any possible bridging of mortar across the cavity.



Cavity Net I : 200ft. per box.
(4 rolls at 50ft.)
Cavity Net II : 140ft. per box.
(4 rolls at 35ft.)

FASTENERS

WIRE-BOND

Zamac Nail-In

The Zamac nail-in or Hammer Drive Anchor is a nail drive anchor which has a body formed from Zamac alloy. Nail-In has a low profile mushroom head style. Allows for fast and easy installation. 1/4″ diameter, 1″to 3″ lengths available. Sold 100 / box
FINISHES: Zinc Coated / Stainless steel

Can be used in concrete, block, brick, or stone and is corrosive resistant.

Wood Screw

For fastening to wood stud.

Diameter:	#9 and #12
Thread Form:	9-15 and 12-14
Head Style:	¼″ HWH
Washer Style:	Galvanized(G-90)
Drill Point:	Gimlet
Finish:	Climaseal

Climaseal Screw

The maximum in corrosion resistant coatings. Average of 30 cycles of corrosion resistance. Provides long-term corrosion protection. Attractive silver-grey finish covers entire fastener surface. Compatible with painted or metal surfaces. Out performs existing mechanical and electro-platings. Does not promote corrosion that can be caused by electro-chemical reaction between dissimilar metals.

Screws EPDM washers:

- #10 – 1-1/2″ #10 – 9/16″
- #12 – 1-1/2″ #12 – 9/16″
- Screws are packaged 2500/box with washers and 3000/box without washers.

Polymer Coated 1000hr Screw

- Polymer Coating
- Sizes of screws vary according to application.
- Stock sizes from 1 1/2″ to 4″ in length.

Stainless Steel Screws

410 Stainless Steel: ASTM A276

410 Stainless Steel -.00015" min electro zinc plated Sharp non-walking point for fast penetration into high tensile steel. 410 stainless steel heat treated for optimal strength and corrosion resistance.

Fastener Diameter: #10 - 16 (.190")
Stock sizes from 1 1/2″ to 4″ in length.

SFS Stadler SX Fastener

This self-drilling screw has a toug carbon steel point for easy installation.

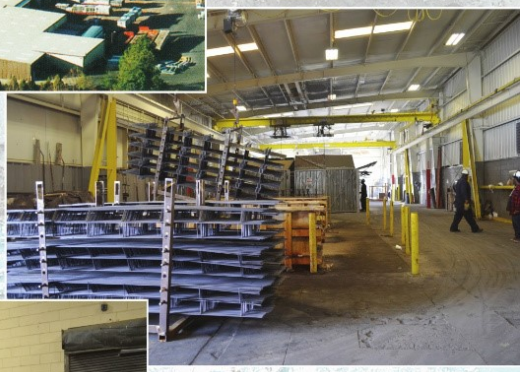
- Engineered to have low driving torque and provide maximum clamp load.
- Ultimate drill performance in light, medium, and heavy gage applications.
- Washer O.D designed for both sidewall and roof panel attachment.
- Available with and without washers.
- Made of Type 304 Stainless Steel.

Corporate Office
400 Rountree Road
Charlotte, NC 28217
704 525.5554
800 849.6722
Fax 704 525.3761

PO Box 240988
Charlotte, NC 28224

WIRE-BOND®

wirebond.com



Memphis Plant
2365 Harbor Avenue
Memphis, TN 38113
901 775.9444
800 441.8359
Fax 901 775.9449

PO Box 13124
Memphis, TN 38113

MADE IN THE U.S.A

All of our products are manufactured in our Charlotte, NC or Memphis, TN plants or sourced from other American Companies.

NATIONAL CONCRETE MASONRY ASSOCIATION
Sustainable Concrete Products for Structures and Hardscapes

MCAA

U.S. GREEN BUILDING COUNCIL MEMBER

THE MASONRY SOCIETY
Affiliate Member