

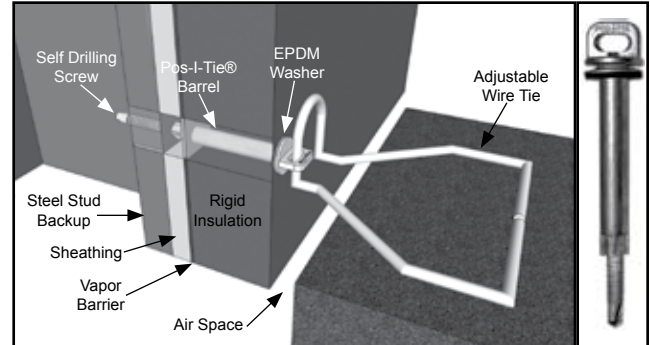
## ARCHITECTURAL SPECIFICATION INFORMATION

### THE ORIGINAL **Pos-I-Tie**® BRICK VENEER ANCHORING SYSTEM

1. Provides positive connections. The Barrel Section actually penetrates sheathing and makes a Positive Lateral Connection with the backup for transfer of compression and tension loads to structural backup.
2. EPDM washer completely seals the hole blocking ALL air and moisture penetration.
3. Offers speedy cost-saving installation. The screw is built-in to the barrel. No inferior screws can be substituted. Only one barrel needs to be installed, unlike other systems which require two screws for installation.
4. Slotted Barrel allows for differential movement due to temperature variations. Tie design provides for allowable ACI 530 code vertical adjustment of 1-1/4" above & below the barrel.
5. Allows for use of 4' x 8' insulation sheets. The Pos-I-Tie® holds the insulation in place!
6. Pos-I-Tie® Barrel section is made of highly corrosion resistant Zamac 3, a 92% zinc alloy.
7. Pos-I-Tie® system fully complies with the ACI 530 Code. The barrel and screw install as one unit. No more plates, screws and gaskets. Installs in seconds.
8. The Pos-I-Tie® conforms with the Energy Conservation Requirements of the Massachusetts State Building Code (780 CMR 13 Envelope).

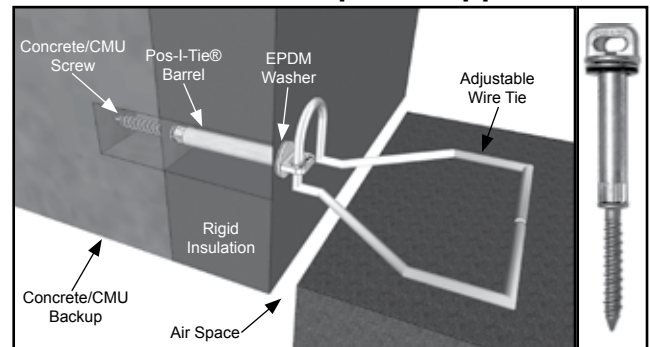
**Pos-I-Tie® Products are ONLY  
 Available Through  
 Heckmann Building Products!**

#### Steel Stud Backup Wall Application



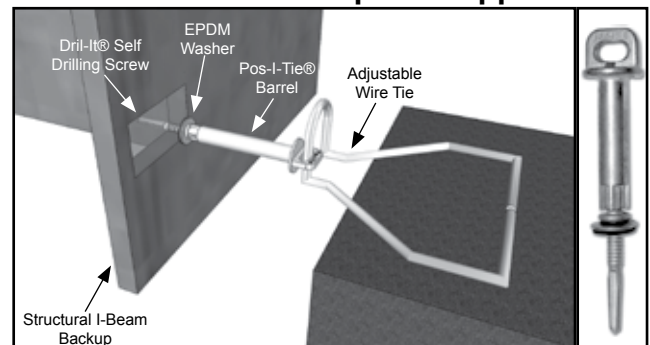
- Drills directly through insulation, vapor barrier and dens glass to the steel stud backup.
- EPDM washer completely seals the hole blocking ALL air and moisture penetration.

#### Concrete/CMU Backup Wall Application



- This application can be used with Concrete, CMU, ICF, Wood, and Brick backup walls.
- Pre-drill pilot hole using the Con-Drive® Adapter and drill bit as explained on the reverse side of information sheet.

#### Structural Steel Backup Wall Application



- Use the Drill-It® Self Drilling Screw for Structural Steel I-Beams. No pre-drilling required for up to 1/2" thick steel. Steel Thicker than 1/2" may require a pre-drilled pilot hole.

## WIRE TIES



Triangular Wire Tie    Seismic Wire Tie    Single Wire Tie

- Ties are 3/16" diameter x 3", 3 1/2", 4" or 5" Long in Hotdip Galvanized, Mill Galvanized and Stainless Steel. Special Lengths available.
- 2011 ACI 530 Code allows for the use of single pintle ties.
- Due to the limitations on adjustable anchor tolerances in the ACI-530 Masonry Code, 1/4" diameter wire ties are not available for the Pos-I-Tie® system.

## BARRELS

Nine Barrel lengths available for insulation/gypsum board sizes and combinations:

1/2", 5/8", 1", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", and 4-1/2"



## SCREWS

Three screw types available for backup walls of steel stud, concrete, CMU, ICF, wood, brick and structural steel. Screws and Barrels are factory-assembled.

## EASY INSTALLATION

Use a drill with a depth sensitive nose piece or a variable clutch adjustment. The barrel end of the Pos-I-Tie® is placed into the reusable chuck adapter.

For steel studs, drill the Pos-I-Tie® through the exterior insulation and into the metal stud. Use a drill with 1500 - 2000 RPM.

For structural steel, center punch prior to drilling. (High tensile steel or very thick steel may require pre-drilling a 3/16" (4.76 mm) hole.)

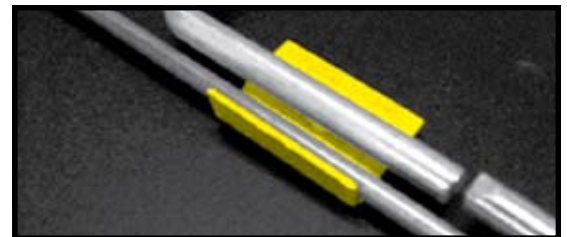
For concrete, CMU or brick, use the Con-Drive® Adapter with drill bit. Pre-drill a 3/16" (4.76 mm) hole to a depth of 2" (51 mm). Slide the Con-Drive® Sleeve over the drill bit and insert the CMU/Concrete Screw into the chuck adapter. Torque screw into the pre-drilled hole. The reusable chuck adapter and sleeve tool are available from Heckmann.



Chuck Adapter



Sleeve Tool



16 Gage welded **Seismic Hook Tab** available for Single and Triangle Pos-I-Tie® Wires for areas in Seismic Zones.



**Stainless Steel Pos-I-Tie® Stone Anchors:** Available 3/16" or 1/8" thick. Specify length, width, and bend type (Split-bend shown above, straight bend, or pin type available).

All stone anchors should be engineered by a licensed structural engineer on a job-by-job basis.



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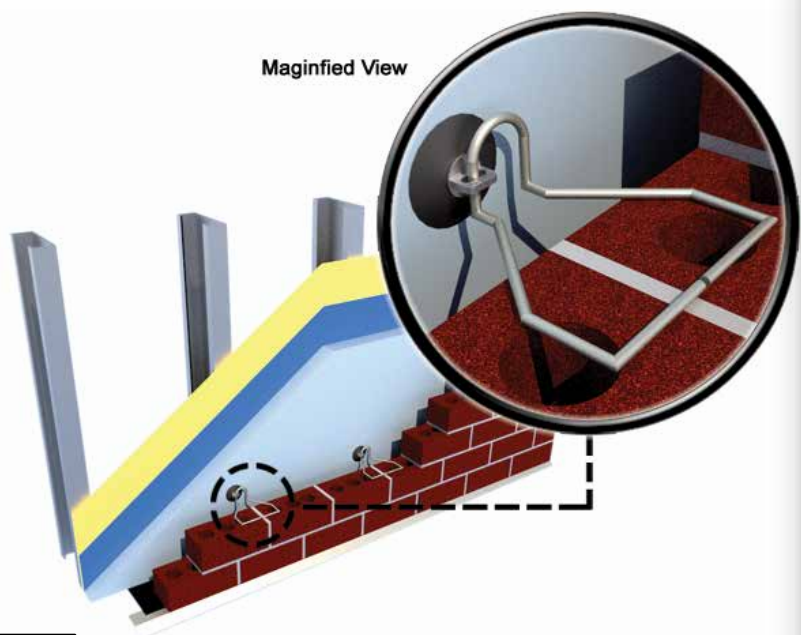
### #610: Thermal-Grip® Insulation Fasteners

Used with the Pos-I-Tie® Brick Veneer Anchoring System. These versatile washers are 2" in diameter and provide exceptional wind-loading resistance to help prevent blow-offs.

Using the Thermal-Grip® Washers along with the Pos-I-Tie® Barrel Screws combines two steps into one by securing the insulation board with the Veneer Anchor (vs. securing the insulation with screws/washers and then adding the brick ties) thus saving time and money.

The Thermal-Grip® washer is slipped onto the Original Pos-I-Tie® on the jobsite for easy installation. Using this method, the number of penetrations through the insulation are greatly reduced therefore reducing thermal bridging\*. Combining the Pos-I-Tie® with the Thermal-Grip® Washers reduces the required ci washer/screw fasteners by up to half.

The Thermal-Grip® washers are designed to compress on the insulation surface effectively sealing the fastener penetration against air and moisture infiltration.



### Thermal-Grip® & Original Pos-I-Tie®

<p>#610 Thermal-Grip® with          Insulation stabilizing prongs</p>	<p>#75 Original Pos-I-Tie®</p>	<p>Thermal-Grip® installed on          Original Pos-I-Tie®</p>