



1501 N. 31st Avenue
Melrose Park, IL 60160-2911
800-621-4140 or 708-865-2403
FAX: 708-865-2640
www.heckmannanchors.com
Email: info@heckmannanchors.com

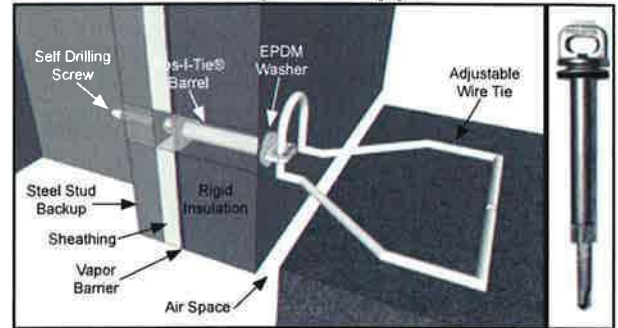
ARCHITECTURAL SPECIFICATION INFORMATION

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).

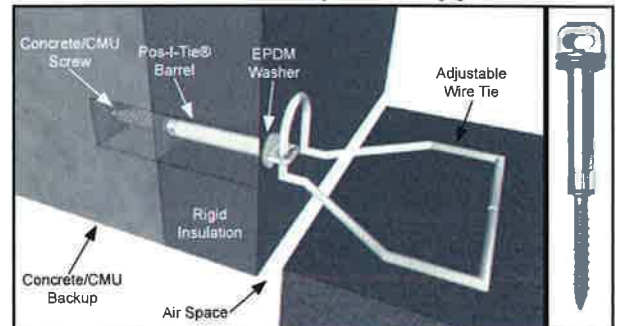
***Pos-I-Tie® Products are ONLY
Available Through
Heckmann Building Products!***

Steel Stud Backup Wall Application



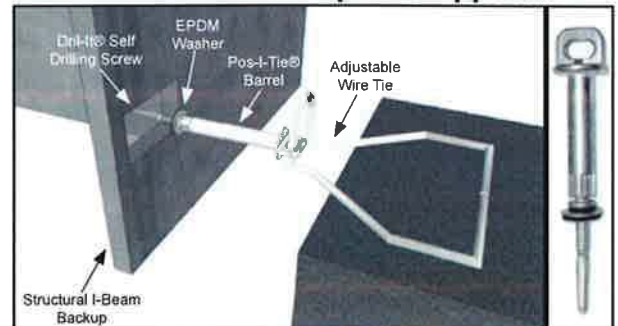
- Drills directly through insulation, vapor barrier and dens glass to the steel stud backup.
- EPDM washer completely seals the hole blocking ALL air and moisture penetration.

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 Dri-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.



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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 pin tie

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

Designer verify this is acceptable

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.

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
Joe Voypick	
SUBMITTED BY	
042000-013	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	042000
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
Leonard Masonry	
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|--|--|--|
| ☒ Shop Drawings | ☐ Certification / Qualifications | ☐ Coordination Drawing |
| ☐ Samples (____ copies) | ☐ Record Documents | ☐ Calculations |
| ☐ LEED Submittal | ☐ Product Data | ☐ Schedules |
| ☐ Other _____ | ☐ O&M Manuals | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick	6/17/16
REVIEWED BY	DATE

To be completed by Reviewer

04 2000-013
CANNON DESIGN SUBMITTAL NUMBER
6/17/16
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☐ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☒ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

Per previous submittal 007
1. Please flag correct item submitted and reference correct specification number 04 20 00.
2. Please carefully review specification section 04 20 00 and submit manufacturer's product documentation, samples, certifications and accessories as one package.
Per submittal 013
1. Please comply with items 1 and 2 above
2. submit product data for each item listed in specification section 04200. example of items not included 2.4 D,F & G
3 Provide documentation proving compliance with specifications

Kathy Williams	06/28/16
REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0088

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 06/17/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Masonry product data REVI

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:		SUBMITTED FOR:	ACTION TAKEN:
☒ Shop Drawings		☒ Approval	☒ Approved as Submitted
☐ Letter		☐ Your Use	☐ Approved as Noted
☐ Prints		☐ As Requested	☐ Returned After Loan
☐ Change Order		☐ Review and Comment	☐ Resubmit
☐ Plans			☐ Submit
☐ Samples		SENT VIA:	☐ Returned
☐ Specifications			☐ Returned for Corrections
☐ Other:			☐ Due Date:

<i>Item</i>	<i>Package</i>	<i>Code</i>	<i>Rev.</i>	<i>Copies</i>	<i>Date</i>	<i>Description</i>	<i>Status</i>
Submittal		042000-13	2		06/17/2016	Masonry product data REVI	Submitted

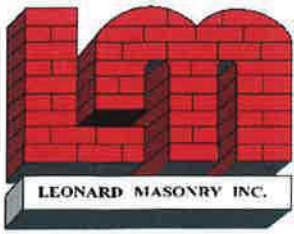
NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: _____
Devin Gates

TRANSMITTAL LETTER



Leonard Masonry, Inc.

5925 Fee Fee Road
St. Louis, MO 63042

Transmittal # **945-01**

Date: 6/10/2016
Phone: (314) 731-5500
Fax: (314) 731-3366

Project Name: Webster University Interdisciplinary Science Building

Project #: 945

To: Paric Corporation
Attn: Devin Gates
77 Westport Plaza Drive
Suite 250
St. Louis, MO 63146

Items listed are being sent

- ☒ Enclosed
☐ Under Separate Cover
☐ Via

SUBJECT: Submittal 945-01, Rev #0 Masonry materials

Phone: (636) 561-9500 **Fax:** (636) 561-9501

We are transmitting the following to you:

- ☒ Product Data
☐ Architectural Drawings
☐ Engineering Drawings
☐ Samples
☐ Letters
☐ Change Order Requests

- ☒ Submittals: Submittal 945-01, Rev #0 Masonry materials
☐ Shop Drawings
☐ Specifications
☐ O & M Manuals
☐ Prints
☐ Plans
☐ Addenda
☐

Submittal: Masonry materials - Rev#0

Code/Spec	Copies	For	Product #	Summary Item
	1	Approval		Face brick test report
	1	Approval		Type N mortar certification
	1	Approval		Mortar color product data
	1	Approval		Veneer anchor product data
	1	Approval		Weep vent product data
	1	Approval		Cavity drainage material product data
	1	Approval		Termination bar product data
	1	Approval		Cavity-wall insulation product data
	1	Approval		Masonry cleaner product data

Remarks:

COPIES TO:

By: Ken Westhoff
Project Manager

Received by: _____

Date: _____