Masonry Anchors

**DW-10® Series Veneer Anchors**

**DW-10-X® Anchor**

(Shown with Byna-Tie®)

- Bend sizes from 1/2" to 3" available.
- 3-5/8" vertical adjustability.
- Installation after insulation is in place.
- Available mill galvanized, hot dip galvanized or stainless steel.
- Available to accept either 3/16" or 1/4" dia. wire tie (specify when ordering)
- Conformance to applicable specifications.

**DW-10® & DW-10HS®**

DW-10 and DW-10HS anchors have all the features of the DW-10-X as shown above, but without the prolonged-leg design. They are primarily for use when there is no insulation and little potential for wallboard deterioration.

**TeXtroseal™**

- Self-sealing. Seals around shaft of screw and legs of DW-10-X at the moment of penetration.
- Retardant. Retards diffusion of moisture vapor.
- Dual-Barrier Membrane. 40 mil thick multi-ply polyethylene/polymer-modified asphalt.

**SeismiClip Interlock System**

**Masonry Wire Ties**

- Standard lengths 3", 3-1/2", 4", 4-1/2" and 5".
- Special sizes and shapes available on request.
- Available in 3/16" or 1/4" diameter.

The DW-10-X®, Byna-Tie® and SeismiClip® interlock system has been tested and evaluated for use in Seismic Zones 3 & 4 in accordance with ICBO guidelines.
X-Seal™ Anchor

The X-Seal™ Anchor is the latest generation veneer anchor. The original DW-10-X® anchor was developed to address the problem of possible long-term deterioration of the insulation or wallboard. The pronged legs bridge the sheathing and abut the steel stud, affording independent, positive anchorage. Compression of the sheathing by positive loads is also prevented. The X-Seal Anchor improves upon the DW-10-X by moving the horizontal pronged legs in from each end, enabling the backplate portion of the anchor to effectively seal the wallboard/insulation. This helps to maintain the integrity of the vapor barrier and prevents the ingress of air and moisture through the sheathing. The pronged legs are now also rib-stiffened and oriented closer to each other than on the original DW-10-X, thus enhancing the compressive strength.

The X-Seal™ Anchor can be ordered with legs to accommodate from 1/2” to 3” combination wallboard/insulation. When ordering, use the proper designation, determined by the total thickness of the wallboard and/or insulation. For example: for 1/2” wallboard, use X-SEAL (1/2). For 1/2” wallboard with 1” insulation, use X-SEAL (1-1/2).

X-Seal™ Anchor (Shown with Byna-Tie®)

Other Features:
- Leg sizes from 1/2” to 3” available.
- 3-3/8” vertical adjustability.
- Installation after insulation is in place.
- Available hot dip galvanized or stainless steel.
- Available to accept either 3/16” or 1/4” dia. wire tie (specify when ordering)
- Conformance to applicable specifications.

Byna-Lok™ Wire Tie

Why specify the Byna-Lok™ Wire Tie?
- Swage and mild pitch on legs provide an integral track for the continuous joint reinforcing wire. Suitable for standard 3/8” mortar joint.
- More surface engagement of the continuous wire and integral track than any other system on the market. Reduces potential for incorrect placement or disengagement of the continuous wire due to workmanship error.
- Hassle-free installation of continuous wire into Byna-Lok Wire Tie.
- Economical; add continuous wire to masonry walls at little additional cost.
- Suitable for use with a variety of H&B anchors.
- Available in 3/16” diameter x 3”, 4” or 5” long, hot dip galvanized or Type 304 stainless steel.
- System includes heavy-duty continuous wire.
D/A 213 – Veneer Anchor Assembly (patented)
D/A 5213 – Retrofit Veneer Anchor Assembly

Anchor brick or block veneer to steel studs or existing construction with or without board-type insulation present in cavity.

D/A 213 Veneer Anchor Screw-On Plate

Anchor Plate
1-1/2" wide x 6" long
12 ga. & 14 ga.

D/A 210 w/ Tri-Tie™

D/A 100 & D/A 720
Dovetail Slot / Triangle Anchor System

D/A 207

Screw-On or Weld-On Column Anchor Assembly

3/16" Wire Pintle
3", 4", 5", 6" & 7"

Pintle Plate
11 ga. & 12 ga.

3/16" Wire Pintle
3", 4", 5", 6" & 7"

D/A 210 w/ Tri-Tie™

ANCHOR PLATES

Note: All Jetna Fastech #10, #12 & #14 dia. fasteners have High Hex Heads, drastically improving driving stability. Standard size is #10-16 x 1-1/2" HWH, zinc finish.

Flexible Wall Stabilizing Anchor

A non-corrosive masonry anchoring system uniquely designed to withstand axial loads and provide flexible in-plane wythe movement. This anchor concept can be used in either new or restoration anchoring situations. The Dur-O-Flex can be attached to a structure via adhesives or with friction. The method of installation is simple and utilizes the common practice of incorporating Dur-O-Pair Epoxy and wire mesh screens to create a flexible wall tie. The spirally shaped anchor is made from a split stainless steel coil which is twisted to form a continuous spiral section.

The material used to produce the Dur-O-Flex anchor is from austenitic steel type 304. The cross-sectional area of the Dur-O-Flex is about .022” with an effective diameter of 9/32”.

Repair Anchor

The Dur-O-Wal Repair Anchor is the closest replication of quality wall ties and anchors used in masonry construction. It is a mechanically activated re-anchoring system that utilizes torque and/or hammer-set expansion to create preload within existing wythes of masonry. This style of fastening provides proof positive of anchorage and does not create tension forces between wythes.

Anchor components are manufactured of non-corrosive materials; either brass or austenitic stainless steel. They are installed in pre-drilled holes of common sizes located at intersecting mortar joints in masonry facades. Typical installations leave no brick scars or exposed hardware, and are easily concealed by a matching mortar plug.

Inspection and quality assurance are easily performed for the independently activated connectors without destroying the integrity of the fasteners.

Stainless Steel Drip Edge

Type 304 Stainless Steel Factory-Formed Hemmed Edge

Visit Us on the Web!
www.ConstructionAnchors.com

13900 E. 350 Highway
Kansas City, MO 64138
No. 75HE Pos-I-Tie® Advantages Over Other Systems

1) Pos-I-Tie® Single Screw System fully complies with the ACI 530 Code. The barrel screw is one piece. No more plates, screws and gaskets. It screws into the backup in seconds.

2) Uses consistent screw. Screw is provided as part of the Pos-I-Tie® system; no inferior screws can be substituted.

3) Provides positive connections. Screw actually penetrates gypsum board and makes a positive lateral connection with the backup for transfer of compression and tension loads to structural backup.

4) Enables speedy, cost-saving installation. Only one screw needs to be placed, not two.

5) Corrosion resistant. Pos-I-Tie® seals the hole it makes when it seats itself in the backup. Barrel section is made of ZAMAC 2, a 92% zinc alloy. Screws are zinc electroplated, coated twice, and baked in STALGARD®.

6) Slotted barrel allows for differential movement due to temperature variations. Tie design provides for allowable ACI 530 code vertical adjustment.

7) Allows for use of 4' x 8' insulation sheets. The Pos-I-Tie® holds the insulation in place.

6 Barrel Lengths

- 5/8” for 1/2” and 5/8” gypsum.
- 1” for 1” insulation.
- 1-1/2” for 1” insulation over gypsum.
- 2” for 2” insulation.
- 2-1/2” for 2” insulation over gypsum.
- 3” for 2-1/2” insulation over gypsum.

Complies with the energy conservation requirements of the Massachusetts State Building Code (780 CMR 13 Envelope).

3 Types of Screws

NEW! 1/4” (6.35mm) extensions for conditions requiring a double layer of gypsum to increase the R-value of wall.

Standard wire ties are 3” (76mm), 3-1/2” (89mm), 4” (102mm) or 5” (127mm) long in 3/16” diameter wire. Mill galvanized, hot dip galvanized, or stainless steel.

Special lengths available on request.