



1. Product Name

- Non-Seismic Masonry Anchors
- HB-200 Adjustable Veneer Anchors
 - DW-10HS® Brick Veneer Anchors
 - DW-10® Brick Veneer Anchors
 - SBRA Anchors
 - 2-SEAL™ Concrete Ties
 - 2-SEAL™ Ties
 - X-SEAL™ Anchors
 - X-SEAL™ Tape

2. Manufacturer

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3. Product Description

BASIC USES

HB-200 Adjustable Veneer Anchor

- 14 gauge or 12 gauge
- L-shaped plate has numerous ribs for added strength and 9/32" (7.1 mm) holes for connecting screws
- Eyelets allow pintle insertion with 1 1/4" (32 mm) maximum allowable eccentricity and prevent in and out movement beyond allowable tolerances
- Legs fabricated to accommodate up to 3 1/2" (89 mm) thick insulation
- Available in 3" (76 mm), 4" (102 mm) and 4 3/4" (121 mm) pintle lengths

DW-10HS® Brick Veneer Anchor

- 14 gauge or 12 gauge
- For anchoring brick veneer to metal stud, masonry, concrete or wood backup
- Offers over 3" (76 mm) vertical adjustability
- Works with a variety of screws for various backup substrates
- Excels for applications where there is no insulation and little potential for wallboard deterioration
- For insulated walls or when there is concern about wallboard deterioration, the manufacturer recommends X-SEAL Anchors

DW-10® Brick Veneer Anchor

- Anchors brick veneer to metal stud, masonry, concrete or wood backup
- Offers over 5" (127 mm) of vertical adjustability
- Works with a variety of screws for various types of backup substrates
- Recommended for installations with no insulation and little potential for wallboard deterioration
- For insulated walls or when there is concern about wallboard deterioration, Hohmann and Barnard recommends use of X-SEAL Anchors

SBRA Anchor

- 14 gauge
- SBRA backplate accommodates a variety of insulation thicknesses: 0 to 1" (25.4 mm), 1 1/2" (38 mm), 2" (51 mm), 2 1/2" (64 mm), 3" (76 mm), 3 1/2" (89 mm)

2-SEAL™ Tie

- Single screw veneer tie for metal stud construction
- Fabricated of carbon steel with a premium quality organic polymer coating
- Includes dual diameter barrels with factory-installed EPDM washers to seal both the insulation face and the air/vapor barrier
- Includes a #12 screw within the dual diameter barrel
- Available for 5/8" - 4" (16 - 102 mm) wall board/insulation combination

2-SEAL™ Concrete Ties

- Accepts a 2-SEAL Byna-Lok wire tie to connect masonry veneer to the substrate
- Suitable for use with concrete, CMU or brick backup
- Includes an EPDM sealing washer
- Easily installed into a predrilled hole

X-SEAL™ Anchor

- Includes pronged legs to bridge the sheathing and abut the steel stud for independent, positive anchorage
- Helps prevent compression of the sheathing by positive loads
- Backplate portion of the anchor seals the wallboard/insulation to maintain vapor retarder integrity and prevent ingress of air and moisture through the sheathing

X-SEAL™ Tape

- An adhesive-backed tape applied between the substrate and X-SEAL Anchor for extra protection against air and moisture infiltration

- Apply in continuous lengths for maximum adhesion. Start from the bottom and work upward
- Ensure the surface is dry and free of oil, dirt, dust, loose rust scales and any other materials that might cause poor adhesion
- Self-sealing, durable and resilient; will not crack or rot
- Manufactured from 45% recycled material

4. Technical Data

APPLICABLE STANDARDS

ASTM International (ASTM)

- ASTM A82 Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
- ASTM A153 Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
- ASTM A167 Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip
- ASTM A366 Standard Specification for Commercial Steel (CS) Sheet, Carbon (0.15 Maximum Percent) Cold-Rolled
- ASTM A510 Standard Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel
- ASTM A580 Standard Specification for Stainless Steel Wire
- ASTM C954 Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness
- ASTM D2261 Standard Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine)
- ASTM D3786 Standard Test Method for Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method
- ASTM D4533 Standard Test Method for Trapezoid Tearing Strength of Geotextiles
- ASTM D5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
- ASTM G151 Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
- ASTM G154 Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials

APPROVALS

The X-SEAL Anchor meets or exceeds requirements of the Commonwealth of Massachusetts State Building Code for air leakage and water penetration.

PHYSICAL PROPERTIES

See Table 1.

TECHNICAL PROPERTIES

Carbon Steel Sheet Metal Anchors and Ties

- Conform to ASTM A366
- Zinc coating is hot-dip galvanized after fabrication in accordance with ASTM A153

Stainless Steel Sheet Metal Anchors and Ties

- AISI (American Iron and Steel Institute) Type 304 stainless steel
- Conform to ASTM A167
- AISI Type 316 is available by special order

Screws for 2-SEAL Ties

- Conform to ASTM C954 (1000 hour polymer coating)
- Conform to ASTM A510

X-SEAL Tape

- Grab tensile per ASTM D5034:
Warp 205 lb (910 N)
Weft 170 lb (755 N)
- Tongue tear per ASTM D2261:
Warp 70 lb (311 N)
Weft 75 lb (333 N)
- Trapezoidal tear per ASTM D4533:
Warp 70 lb (311 N)
Weft 54 lb (240 N)
- Mullen burst per ASTM D3786:
340 psi (2345 kPa)

- Accelerated UV weathering, 2000 hours exposure @ 0.77 W/m²/nm per ASTM G151: > 90% strength retention
- Accelerated UV weathering, 1200 hours exposure @ 1.35 W/m²/nm per ASTM G154: > 90% strength retention

ENVIRONMENTAL CONSIDERATIONS

Hohmann & Barnard, Inc., is committed to the research, development and manufacturing of environmentally friendly products.

5. Installation

PREPARATORY WORK

Handle and store the product according to Hohmann & Barnard recommendations. Deliver products in the manufacturer's original, unopened, undamaged containers with identification labels intact. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer. Verify that site conditions are acceptable for installation. Do not proceed with installation until unacceptable conditions are corrected.

METHODS

Installation recommendations are available from the manufacturer.

PRECAUTIONS

For X-SEAL Tape, apply with evenly distributed pressure on a 3" (76 mm) roller. Store X-SEAL Tape at a temperature 60 - 80 degrees F (16 - 27 degrees C). If exposed to lower temperatures, restore the product to 60 degrees F (16 degrees C) minimum temperature before application.

Because each construction project is unique, the appropriate application and selection of any product described herein must be determined by a qualified professional, responsible for working within predetermined parameters of or establishing the specific requirements of the project.

BUILDING CODES

Current data on building code requirements and product compliance may be obtained from Hohmann & Barnard technical support specialists. Installation must comply with the requirements of authority having jurisdiction.

6. Availability & Cost

Hohmann & Barnard products are nationally distributed and supported. Contact manufacturer for local availability and cost information.

7. Warranty

Contact the manufacturer for complete information regarding product warranty conditions, duration, and remedies. Hohmann & Barnard, Inc., makes no warranties, either expressed or implied, of correctness and fitness for use for any particular purpose. The recipient agrees that any use of product information and electronic files is at their own risk. In no event shall Hohmann & Barnard, Inc., be liable for direct, indirect or consequential damages as a result of the recipient use or reuse of product information or electronic files. Hohmann & Barnard, Inc., shall be held harmless against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising

TABLE 1 PHYSICAL/TECHNICAL PROPERTIES

Product	Property	Dimensions
HB-200 Adjustable Veneer Anchors	Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	Pintle lengths 3" (76 mm), 4" (102 mm) or 4 3/4" (121 mm)
DW-10HS Brick Veneer Anchors	Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	6" (152 mm) long, with 3 5/8" (92 mm) vertical adjustability and furnished with 9/32" (7.1 mm) diameter holes
DW-10 Brick Veneer Anchors	Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	9" (229 mm) long, with 5 1/2" (140 mm) vertical adjustability and furnished with 9/32" (7.1 mm) diameter holes
SBRA Anchors	Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	14 gauge; optional insulation washer
2 SEAL Ties	Barrel: Polymer coated or Type 304 Stainless Steel Wire: Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	5/8" (16 mm), 1" (25.4 mm), 1 1/2" (38 mm), 2" (51 mm), 2 1/2" (64 mm), 3" (76 mm), 3 1/2" (89 mm)
2 SEAL Concrete Ties	Barrel: Polymer coated or Type 304 Stainless Steel Wire: Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	5/8" (16 mm), 1" (25.4 mm), 1 1/2" (38 mm), 2" (51 mm), 2 1/2" (64 mm), 3" (76 mm), 3 1/2" (89 mm)
X-SEAL Anchors	Hot-dipped galvanized or Type 304 stainless steel; Type 316 optional	Leg lengths from 1/2" - 4" (12.7 - 102 mm)
X-SEAL Tape	0.04" (40 mil) thick composite, consisting of a propriety clear adhesive laminated to a polyethylene sheet	3' x 50' (0.07 m x 15 m) rolls

out of or resulting from use of product information or electronic files.

8. Maintenance

No specific maintenance is required for properly installed masonry anchor products.

9. Technical Services

Technical assistance, including more detailed information, product literature, test results, project lists, assistance in preparing project specifications and arrangements for application supervision, is available by contacting Hohmann & Barnard, Inc.

10. Filing Systems

- MANU-SPEC®
- Additional product information is available from the manufacturer upon request.