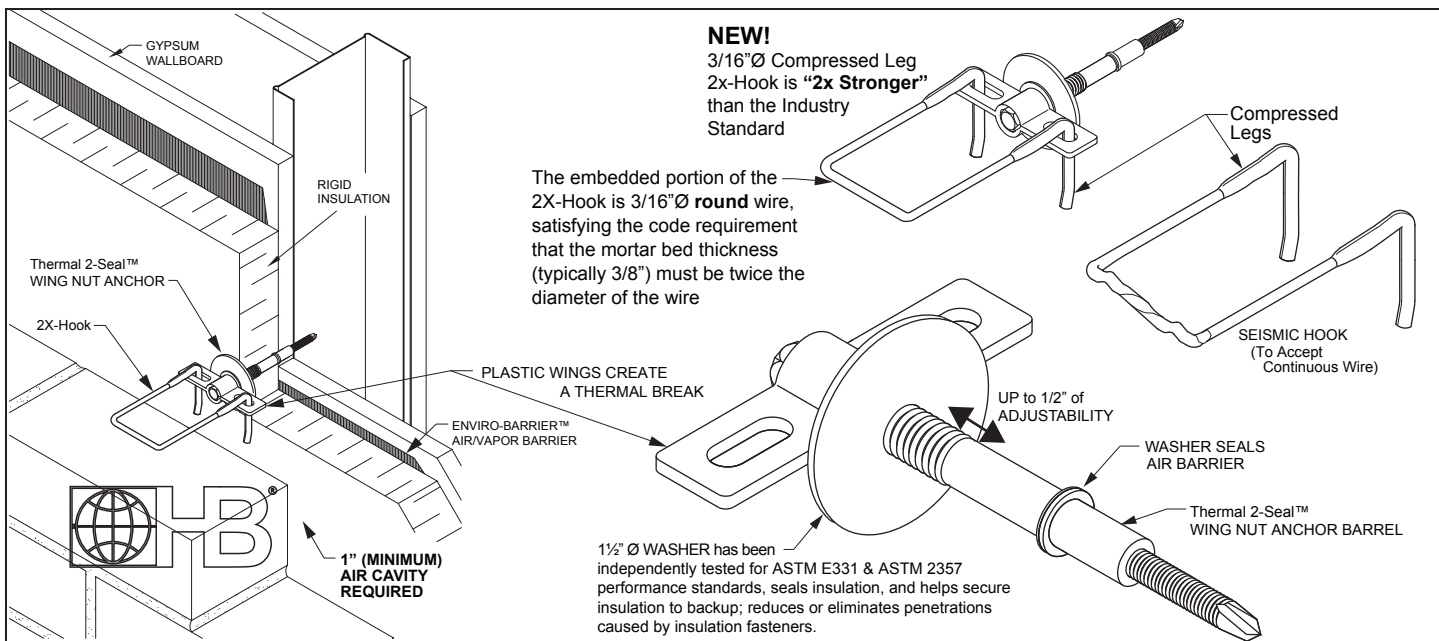




HOHMANN & BARNARD, INC.
A MiTek - BERKSHIRE HATHAWAY COMPANY

Veneer Anchors

Thermal 2-Seal™ Wing Nut Anchor



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

H&B RECOMMENDS 16" X 16" SPACING

Hohmann & Barnard's 2X-Hook has been tested and designed to withstand over 200-lbf, in tension or compression, at maximum allowed offset (ACI 530 6.2.2.5.5.4) of 1 1/4". These results exceed BIA recommendations and the capabilities of standard "round wire" hooks/pintles by over 100%, creating a higher standard for the masonry industry. Test results available upon request.
2X-Hook: U.S. Pat. No. 8,613,175

Thermal 2-Seal™ Wing Nut Tie - An innovative single screw veneer tie for metal stud construction. Features: A dual-diameter barrel with factory-installed EPDM washers to seal both the face of the insulation and the air/vapor barrier (an extra large washer helps secure insulation to backup). Projecting Thermal Wings, made from highly flame resistant plastic, create a thermal break, decreasing thermal transfer through rigid insulation. The Wings accept a standard or seismic hook, spin to easily orient pintles/hooks to masonry joints, and provide up to 1/2" of adjustability to account for variations in wall thickness. Install with a standard 5/16" hex socket.

Thermal 2-Seal™ Wing Nut Anchor: US Pat. No. 7,415,803

Screw (Carbon Steel): ASTM A510 (Carbon Steel)
ASTM C954 (1000-hour polymer coating)

Wire (Carbon Steel): Prefabricated from cold-drawn steel wire conforming to **ASTM A82/A82M**
Tensile Strength - 80,000 p.s.i. | Yield Point - 70,000 p.s.i. minimum
Zinc Coating: Hot-Dip Galvanized after fabrication: **ASTM A153/A153M-B** (1.5 oz/ft²)

Wire (Stainless Steel): ASTM A580/A580M - AISI Type 304 (Type 316 available on special order)

PULLOUT VALUES (TENSION)

18 ga. Metal stud (33ksi) 512# (ultimate)
16 ga. Metal stud (33ksi) 700# (ultimate)

Note: Pullout values assume wire pintle is fully engaged into thermal wing nut with "0" eccentricity.

Thermal 2-Seal™ Wing Nut Anchor Barrel Finish:

Stainless Steel - Type 304

Thermal 2-Seal™ Wing Nut Anchor Style*:

(Equal to thickness of wallboard and/or insulation)

- | | |
|-------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Wing Nut 2-Seal Tie (5/8") | <input type="checkbox"/> Wing Nut 2-Seal Tie (3") |
| <input type="checkbox"/> Wing Nut 2-Seal Tie (1") | <input type="checkbox"/> Wing Nut 2-Seal Tie (3 1/2") |
| <input type="checkbox"/> Wing Nut 2-Seal Tie (1 1/2") | <input type="checkbox"/> Wing Nut 2-Seal Tie (4") |
| <input type="checkbox"/> Wing Nut 2-Seal Tie (2") | <input type="checkbox"/> Wing Nut 2-Seal Tie (4 1/2") |
| <input type="checkbox"/> Wing Nut 2-Seal Tie (2 1/2") | |

***NOTE: This anchor requires a 1" (minimum) air cavity.**

Hook Finish:

Hot-Dip Galvanized | Stainless Steel Type 304 Type 316

3/16"Ø Compressed Leg Hook Length:

- | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> 3" (300H-2X) | <input type="checkbox"/> 4" (400H-2X) | <input type="checkbox"/> 5" (500H-2X) |
| <input type="checkbox"/> 6" (600H-2X) | <input type="checkbox"/> 7" (700H-2X) | |

Compressed Leg Seismic Hook: - Length (Model), 3/16"Ø (5mm) wire

- | | | |
|----------------------------------------|----------------------------------------|----------------------------------------|
| <input type="checkbox"/> 3" (300-S-2X) | <input type="checkbox"/> 4" (400-S-2X) | <input type="checkbox"/> 5" (500-S-2X) |
| <input type="checkbox"/> 6" (600-S-2X) | <input type="checkbox"/> 7" (700-S-2X) | |

Continuous Wire Finish: (Diameter 9 ga. 3/16"Ø)

Hot-Dip Galvanized | Stainless Steel Type 304 Type 316

Note: H&B recommends Stainless Steel Wire Ties for maximum protection against corrosion.

IMPORTANT: Since each construction project is unique, the appropriate selection and use of any product contained herein must be determined by competent architects, engineers and other appropriate professionals who are familiar with the specific requirements of the project in question.

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