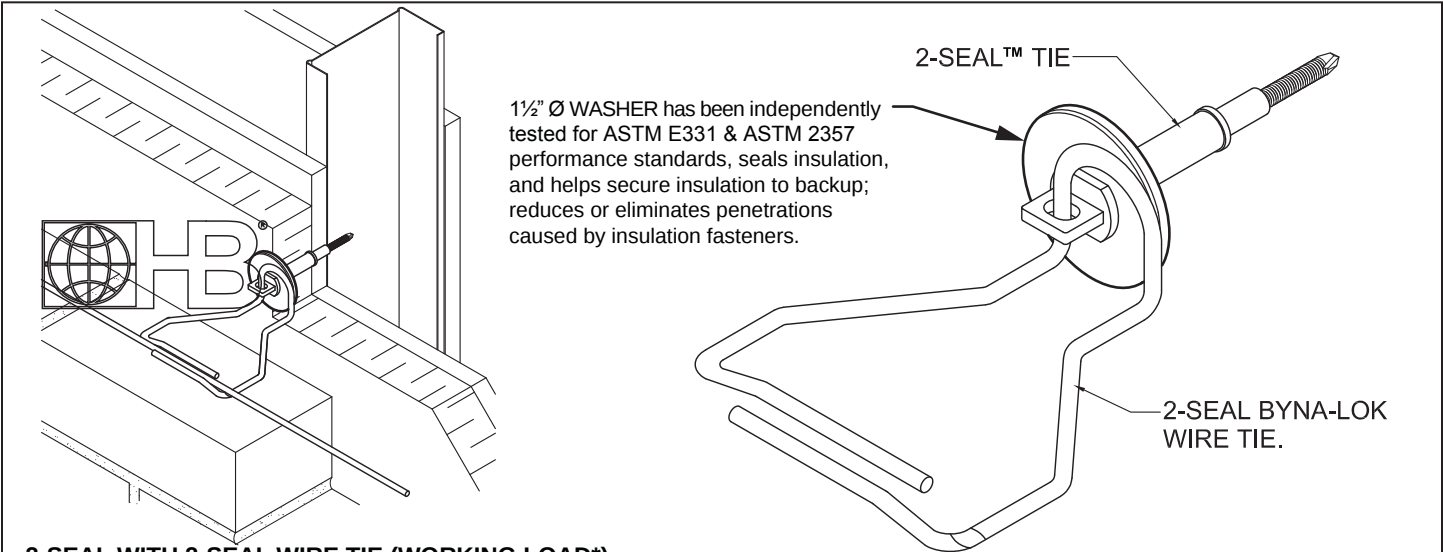


## Veneer Anchors

# 2-Seal™ Tie



### 2-SEAL WITH 2-SEAL WIRE TIE (WORKING LOAD\*)

| CAVITY | 0" OFFSET | 5/8" OFFSET | 1 ¼" OFFSET | TEST        |
|--------|-----------|-------------|-------------|-------------|
| 6 ½"   | 573#      | N/A         | 206#        | TENSION     |
| 6 ½"   | 402#      | N/A         | 166#        | COMPRESSION |

\* WORKING LOAD DETERMINED AT .05" DEFLECTION

Tests were completed for 4 ½" insulation with 2" air cavity.

Pullout values assume wire 2-Seal Byna-Lok Wire Tie is fully engaged into 2-Seal Tie with "0" eccentricity.

### SCREW PULL-OUT (ULTIMATE LOAD)

| STUD GA | 18 GA | 16 GA | 14 GA | 12 GA |
|---------|-------|-------|-------|-------|
|         | 611#  | 743#  | 1096# | 1394# |

DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

**H&B RECOMMENDS 16" X 16" SPACING**

#### 2-Seal™ Tie

An innovative single screw veneer tie for metal stud construction. The 2-Seal™ Tie has a dual-diameter barrel with factory-installed EPDM washers to seal both the face of the insulation and the air/vapor barrier.

- #12 screw integrated into the dual-diameter barrel
- Available for 5/8" - 4½" wallboard + insulation combination

The 2-Seal Byna-Lok Wire Tie is adaptable for seismic zones with the simple addition of 9 gauge or 3/16" continuous wire (just drop into the integral track formed by the swaged, overlapping legs of the wire tie.)

**Barrel** (Zamac Zinc): **ASTM B86** (92% Zinc Alloy) with protective polymer coating for corrosion resistance

**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 A1064/A1064M**

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 or Type 316

U.S. Patent No. 8,037,653

Canadian Patent No. 2,690,819

#### 2-Seal™ Tie Finish\*:



Polymer Coated

\*For Stainless Steel, refer to Thermal 2-Seal™ Anchor or the Thermal 2-Seal™ Wing Nut Anchor.

#### 2-Seal™ Tie Style (Equal to thickness of wallboard + insulation):

- ☐ ⅝" ☐ 1" ☐ 1 ½" ☐ 2" ☐ 2 ½" ☐ 3" ☐ 3 ½"  
☐ 4" ☐ 4 ½"

#### 2-Seal Byna-Lok™ Wire Tie Tie Finish:



Hot-Dip Galvanized

Stainless Steel

☐ Type 304

☐ Type 316

#### 2-Seal Byna-Lok™ Wire Tie Length: (3/16"Ø)

- ☐ 3" ☐ 4" ☐ 5" ☐ Custom \_\_\_\_\_

#### Continuous Wire Finish:



Hot-Dip Galvanized

Stainless Steel

☐ Type 304

☐ Type 316

Continuous Wire Diameter: ☐ 9 gauge ☒ 3/16"Ø

**Note:** Hohmann & Barnard recommends Stainless Steel 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. This drawing and/or data sheet is the confidential and proprietary information of Hohmann & Barnard, Inc. and is not to be reproduced, copied or disclosed, in whole or in part, without the prior written consent of H&B.

|                |         |
|----------------|---------|
| Kathy Williams | 9/30/16 |
|----------------|---------|

DATE \_\_\_\_\_