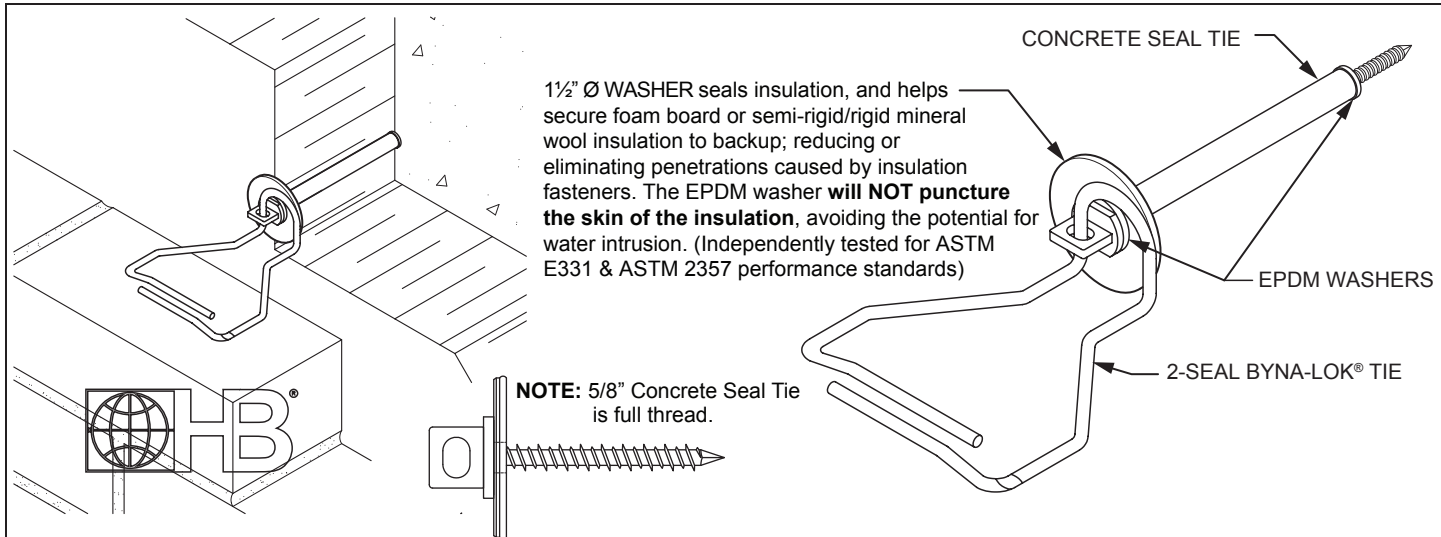




# Veneer Anchors

## 2-SEAL™ Concrete Seal Tie™

### Adjustable Veneer Anchor



1 1/2" Ø WASHER seals insulation, and helps secure foam board or semi-rigid/rigid mineral wool insulation to backup; reducing or eliminating penetrations caused by insulation fasteners. The EPDM washer **will NOT puncture the skin of the insulation**, avoiding the potential for water intrusion. (Independently tested for ASTM E331 & ASTM 2357 performance standards)

**NOTE:** 5/8" Concrete Seal Tie is full thread.

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

CAVITY	0" OFFSET	5/8" OFFSET	1 1/4" OFFSET	TEST
6 1/2"	573#	N/A	206#	TENSION
6 1/2"	402#	N/A	166#	COMPRESSION

\* WORKING LOAD DETERMINED AT .05" DEFLECTION

Tests were completed for 4 1/2" 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 (1 1/4" minimum embed)

CONCRETE	C-90 Hollow Block
810# (average ultimate load)	700# (average ultimate load)

DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

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

**Concrete Seal Tie™** is an innovative single screw veneer tie suitable for use with concrete, CMU, wood stud or brick backup.

- Screw with alternating threads and two factory-installed EPDM sealing washers
- Available for 5/8" - 4 1/2" insulation and/or wall board thickness
- Pre-drill a 7/32" (5.5 mm) hole into concrete, CMU, or masonry backup to a depth of 2" (51 mm)**

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

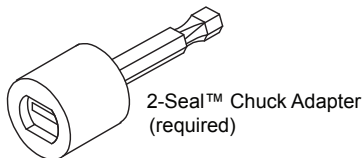
**Screw** (Carbon Steel): **ASTM A510** (Carbon Steel)  
**ASTM C954** (1000-hour polymer coating)

**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/ft<sup>2</sup>)

**Wire** (Stainless Steel): **ASTM A580/A580M** - AISI Type 304 or Type 316



2-Seal™ Chuck Adapter (required)

**Concrete Seal Tie Finish\*:** \*For Stainless Steel, refer to Thermal Concrete 2-Seal™ or Thermal Concrete 2-Seal™ Wing Nut Anchors.

Polymer Coated

**Concrete Seal Tie** (Equal to thickness of insulation):

5/8"  1"  1 1/2"  2"  2 1/2"  3"  3 1/2"  
 4"  4 1/2"  5"

**2-Seal Byna-Lok™ Wire 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

**2-Seal™ Chuck Adapter (required)**

**Note:** Hohmann & Barnard recommends Stainless Steel for maximum protection against corrosion.

**NOTE:** Some configurations are non-stock, contact your local sales manager for price, availability and lead times.

**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.

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