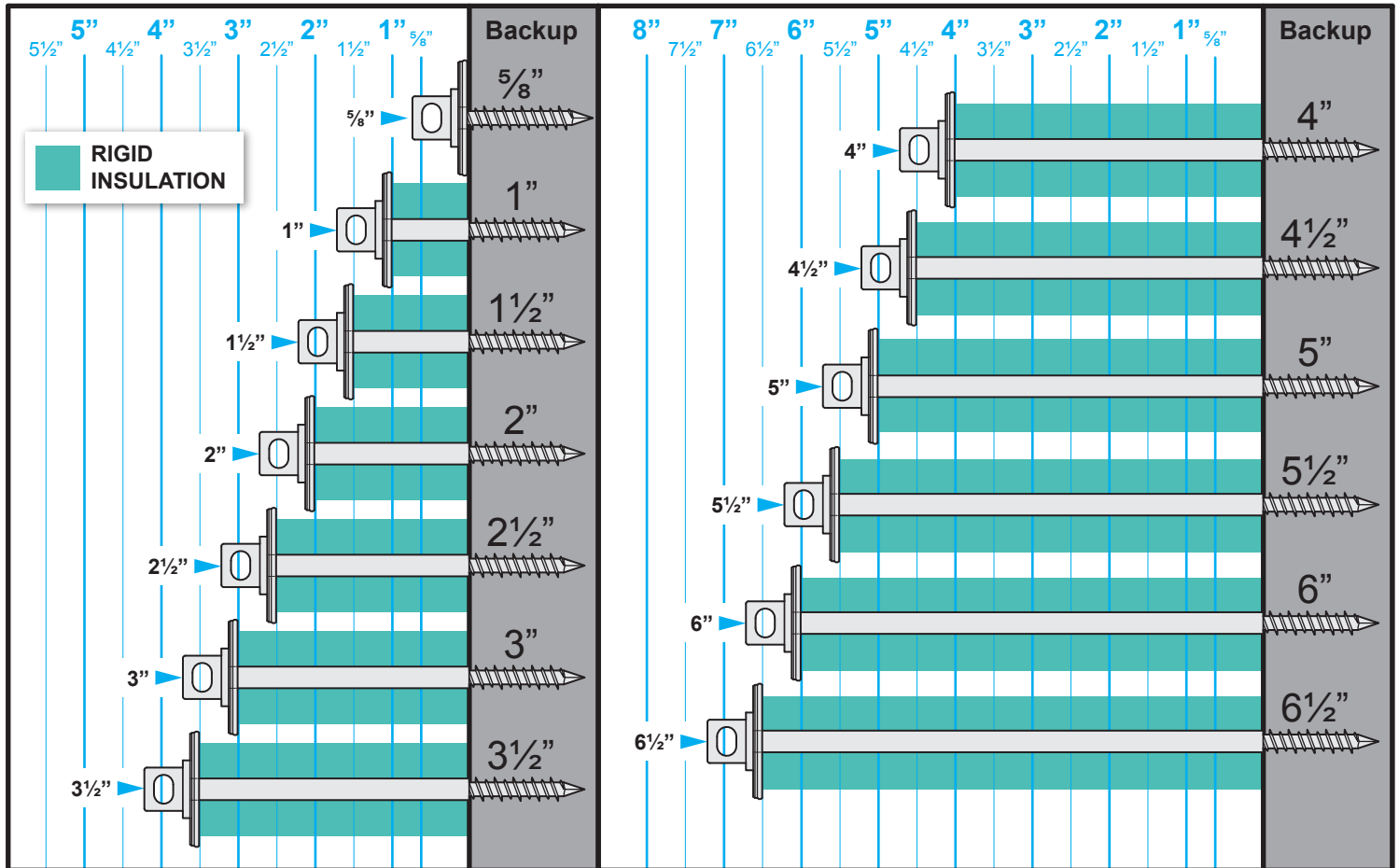


Concrete 2-Seal™ Tie

CONCRETE, CMU, or MASONRY BACKUP

SIZE & SELECTION CHART



Concrete Seal Tie™ is an innovative single screw veneer tie suitable for use with concrete, CMU, wood stud, or brick backup. (for wood stud refer to wood stud size and selection chart)

- Screw has alternating threads and two factory-installed EPDM sealing washers
- Available for 5/8" - 6 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)

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

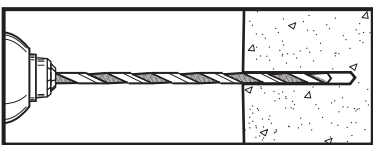
SCREW PULL-OUT (1 1/4" minimum embed)

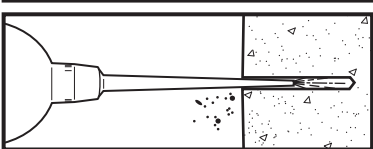
CONCRETE	C-90 Hollow Block
810# (average ultimate load)	700# (average ultimate load)

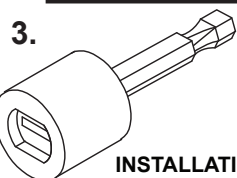
* WORKING LOAD DETERMINED AT .05" DEFLECTION

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.

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With a hammer drill, pre-drill 7/32" (4 mm) hole to a depth of 2" (51 mm).
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Remove dust and loose particles from drilling using hand pump, compressed air, or vacuum.
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Use chuck adapter to drive the Concrete Seal Tie (through rigid insulation if applicable) into the pre-drilled hole until it is fully seated against the face of the backup. **DO NOT DRIVE** in hammer mode.

INSTALLATION CHUCK ADAPTER

NOTE: In some areas extremely hard aggregate is mixed into concrete. Test installation into concrete over 5000 psi.
A slightly larger drill bit may be required.

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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