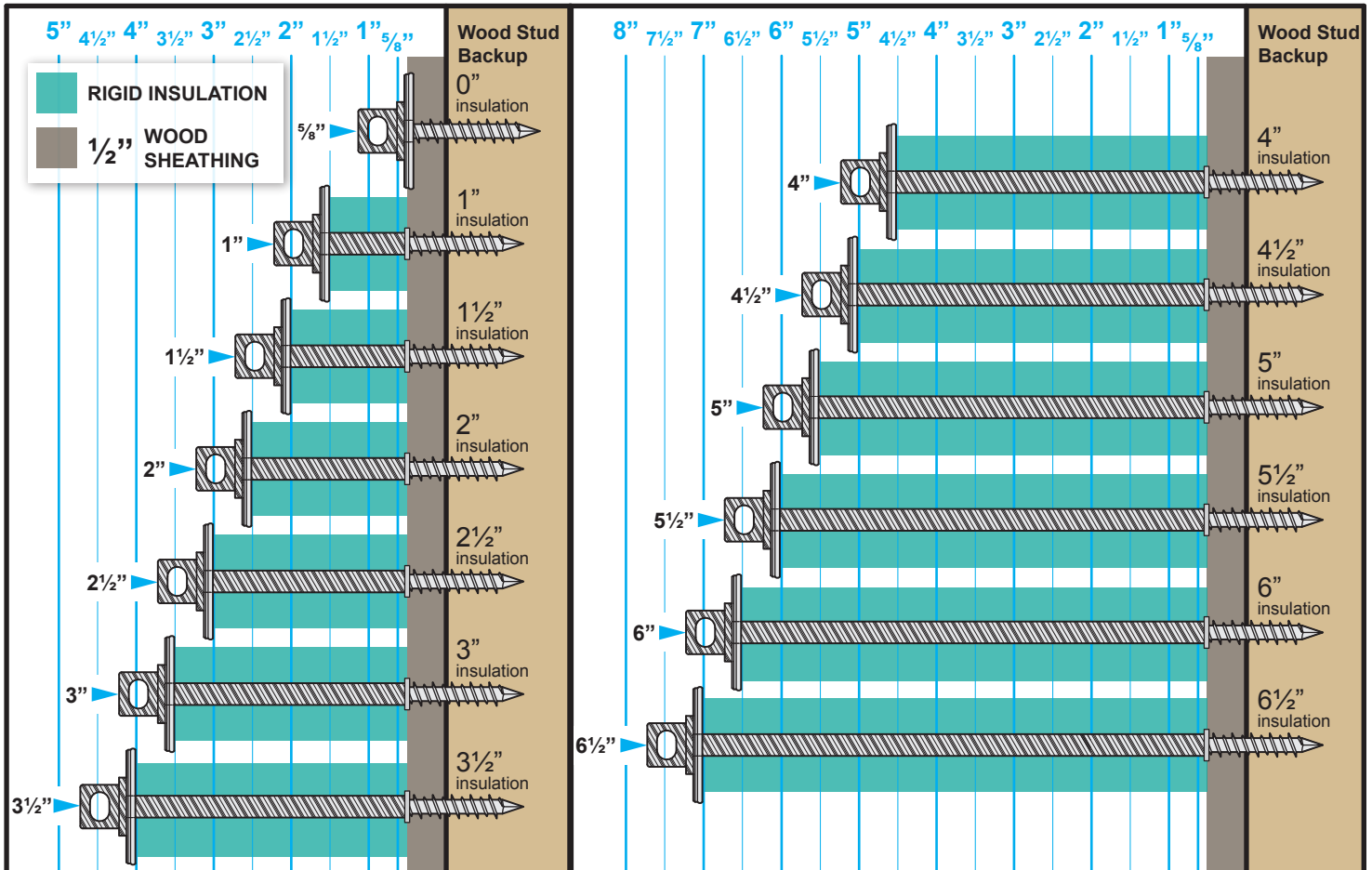


# THERMAL Concrete 2-Seal™ Tie

## WOOD STUD BACKUP w/WOOD SHEATHING

### SIZE & SELECTION CHART



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

The stainless steel anchor is FULLY COATED with a proprietary material that reduces thermal transfer through rigid insulation and has been tested in accordance with UL94 (The Standard for Flammability of Plastic Materials).

- #14 screw with alternating threads
- Two factory-installed EPDM sealing washers seal the insulation and the air barrier.
- Available for 5/8" - 4 1/2" wallboard + insulation combination

#### THERMAL 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

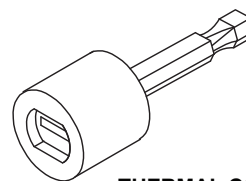
#### SCREW PULL-OUT VALUES (1/4" minimum embed)

#2 DOUGLAS FIR/5/8" OSB
776# (ultimate load pullout)

\* 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 THERMAL CONCRETE 2-Seal Tie with "0" eccentricity.



#### THERMAL CONCRETE 2-SEAL™ TIE INSTALLATION CHUCK ADAPTER

Use chuck adapter to drive the Thermal Concrete Seal Tie (through rigid insulation if applicable) into the wood stud until fully seated against the wood sheathing backup. DO NOT DRIVE in hammer mode.

Pre-Drilling is NOT necessary for wood stud + wood sheathing backup conditions.

**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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