

### THERMAL 2-Seal™ Tie

An innovative single screw veneer tie for metal stud construction, the Thermal 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. The stainless steel anchor is **FULLY COATED**, except for the small barrel and screw, with a proprietary material that **reduces thermal transfer through rigid insulation** and is tested in accordance with **UL94** (The Standard for Flammability of Plastic Materials).

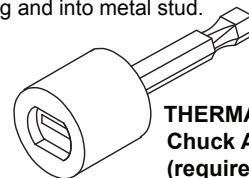
- #12 screw integrated into the dual-diameter barrel
- Available for 5/8" - 6 1/2" wallboard (5/8") + insulation combination

U.S. Patent No. 8,037,653 | Canadian Patent No. 2,690,819

### THERMAL 2-Seal™ Tie Metal Stud Installation Instructions

1. Insert THERMAL 2-Seal Tie into installation chuck adapter.
2. Line up anchor at stud location, placing THERMAL 2-Seal Tie 1/2" to 5/8" above the previous brick course.
3. Push the anchor through the insulation (if applicable) as far as possible.
4. Drill screw through gypsum sheathing and into metal stud.

**NOTE:** Take special precaution not to over-torque the anchor screw, over-rotation can strip the metal stud.



**THERMAL 2-Seal™  
Chuck Adapter  
(required)**

### 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.

### SCREW PULL-OUT (ULTIMATE LOAD)

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

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