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” - 4½” wallboard + insulation combination

THERMAL 2-SEAL WITH 2-SEAL WIRE TIE (WORKING LOAD*)

<table>
<thead>
<tr>
<th>CAVITY</th>
<th>0” OFFSET</th>
<th>5/8” OFFSET</th>
<th>1¼” OFFSET</th>
<th>TEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>6½”</td>
<td>573#</td>
<td>N/A</td>
<td>206#</td>
<td>TENSION</td>
</tr>
<tr>
<td>6½”</td>
<td>402#</td>
<td>N/A</td>
<td>166#</td>
<td>COMPRESSION</td>
</tr>
</tbody>
</table>

SCREW PULL-OUT VALUES (1¼” minimum embed)

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

* 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 THERMAL CONCRETE 2-Seal Tie with “0” eccentricity.

HOHMANN & BARNARD, Inc. | 30 Rasons Court | Hauppauge, NY 11788

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