Concrete 2-Seal™ Tie

CONCRETE, CMU, or MASONRY BACKUP
SIZE & SELECTION CHART

Concrete 2-Seal™ 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" - 6½" insulation and/or wall board thickness
- Pre-drill a 7/32" (4 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*)

<table>
<thead>
<tr>
<th>CAVITY</th>
<th>0&quot; OFFSET</th>
<th>5/8&quot; OFFSET</th>
<th>1½&quot; 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 (1 ¼” minimum embed)

<table>
<thead>
<tr>
<th>CONCRETE</th>
<th>C-90 Hollow Block</th>
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</thead>
<tbody>
<tr>
<td>810# (average ultimate load)</td>
<td>700# (average ultimate load)</td>
</tr>
</tbody>
</table>

* WORKING LOAD DETERMINED AT 0.5° 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 2-Seal Tie with "0" eccentricity.

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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