ROCK-ON™
Cement Board Fasteners
High performance rib design is still the best!!!

BACKER-ON™
Fiber Cement Backerboard Fasteners
Recognized for use with HARDIBACKER® fiber cement backerboard.

Applications
- Cement-type boards or any dense sheathings to steel or wood studs.
- Wire lath to steel or wood studs.
- Plywood to steel or wood studs.
- Hardie Fiber Cement Backerboard

Product Features

Rock-On
- Rib design under head countersinks into dense material while preventing stripouts.
- Two point types for steel and wood applications.
- Larger head diameter increases board surface contact for greater pullover resistance.
- Rock-On is recommended for ACQ treated wood.

Backer-On
- Gimlet points start easily - no predrilling.
- Serrated thread design provides reduced installation torque and superior holding power.
- Rib design under head countersinks into dense material while preventing stripouts.
- #2 square drive prevents bit from slipping.

Product Specifications

Rock-On
- Diameter: #8; #9
- Thread Form: 8-18; 9-15 Hi-Lo®
- Drill Point: #8 Type S-12®; #9 Type “S”
- Head Style: Wafer Head with countersinking ribs
- Finish: Climacoat®

Backer-On
- Diameter: #10
- Thread Form: 10-10 Serrated
- Drill Point: Gimlet
- Head Style: Wafer Head with countersinking ribs
- Finish: Long life epoxy topcoat/zinc plating.
**Performance Data**

### Pullout Values in Steel (Gauge)

<table>
<thead>
<tr>
<th></th>
<th>26</th>
<th>24</th>
<th>22</th>
<th>20</th>
<th>18</th>
<th>16</th>
<th>14</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-12</td>
<td>120</td>
<td>191</td>
<td>239</td>
<td>285</td>
<td>470</td>
<td>663</td>
<td>910</td>
<td>1424</td>
</tr>
<tr>
<td>Hi-Lo</td>
<td>163</td>
<td>242</td>
<td>314</td>
<td>370</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Backer-On</td>
<td>271</td>
<td>371</td>
<td>457</td>
<td>615</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

### Wood (Embedment) #2 SPF 2 X 4

<table>
<thead>
<tr>
<th></th>
<th>1/2&quot;</th>
<th>3/4&quot;</th>
<th>1&quot;</th>
<th>1-1/4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hi-Lo</td>
<td>223</td>
<td>312</td>
<td>555</td>
<td>676</td>
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<tr>
<td>Backer-On</td>
<td>-</td>
<td>436</td>
<td>780</td>
<td>-</td>
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</tbody>
</table>

### Sheet Steel Gauges

<table>
<thead>
<tr>
<th>Gauge No.</th>
<th>12</th>
<th>14</th>
<th>16</th>
<th>18</th>
<th>20</th>
<th>22</th>
<th>24</th>
<th>26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decimal Equivalent</td>
<td>105&quot;, .075&quot;, .060&quot;, .048&quot;, .036&quot;, .030&quot;, .024&quot;, .018&quot;</td>
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<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

### Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install cement board fasteners. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.
- Adjust the screwgun nosepiece to properly seat the fastener.
- Worn or damaged bit tips should be replaced.
- The fastener is fully seated when the head is flush with the work surface.
- Overdriving may result in torsional failure of the fastener or stripout of the substrate.
- The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread.
Use a 0-2500 RPM, 6 amp min. rated screwgun or cordless drill to install fasteners to wood and steel substrates. Use a hammerdrill or rotary hammer to install Tapcon® masonry anchors.

Seat Grid-Mate PB washers flush with or maximum 1/16” below insulation surface. Overdriving may damage the washer and insulation.

Tools and Techniques

- Fasteners must penetrate steel substrates a minimum of 3 pitches of threads.
- Replace worn or damaged bit tips to prevent damage to fastener head and its finish.
- Consult EIFS system manufacturers specifications for appropriate fastener spacing.

Performance Data

Pullout Values (Average lbs. ultimate)

<table>
<thead>
<tr>
<th>Steel Applications</th>
<th>Sheet Steel Gauges</th>
<th>Concrete/Masonry Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fastener</td>
<td>26 24 22 20 18 16 14 12</td>
<td>Tapcon Diameter</td>
</tr>
<tr>
<td>Wood/Light Metal (Hi-Lo) 1&quot;</td>
<td>129 178 244 277</td>
<td>1&quot; 1-1/4&quot; 1-1/2&quot; 1-3/4&quot;</td>
</tr>
<tr>
<td>Steel (S-12&quot;)</td>
<td>- - - 296 471 679 847 1225</td>
<td>3/16&quot; 341 581 863 1059</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wood Applications</th>
<th>Plywood</th>
<th>OSB</th>
<th>Lumber (Embedment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood/Light Metal (Hi-Lo) 1/2&quot;</td>
<td>298 432 633</td>
<td>1/2&quot; 3/4&quot; 1&quot; 1-1/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes. Wind-load test results also available upon request.