Installation Instructions for ABS Pads For Manufactured Homes From Tie Down Engineering

1. Pier spacing must be in accordance with the Home Manufacturer’s Installation Manual and/or State or Local requirements.
2. Clear all vegetation and debris from the area where the ABS pads are to be placed.
3. Ground under ABS pads must be leveled and evenly compacted.
4. Place ABS pad with grid side up, smooth side down. Center blocks on ABS pad and complete pier.

**IMPORTANT**
If pad deflects more than 1/8” when installed correctly with home’s dead load applied, then the pier spacing is incorrect for soil conditions.

Deflection is measured from the highest point to the lowest point of the top side of the pad.

**Pad Bearing Capacity**

<table>
<thead>
<tr>
<th>ABS Pad Size</th>
<th>Part#</th>
<th>1000 PSF. Soil</th>
<th>2000 PSF. Soil</th>
<th>3000 PSF. Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot; x 18&quot; - 2 Sq. Ft 288 Sq. In.</td>
<td>59300</td>
<td>2,000 lbs.</td>
<td>4,000 lbs.</td>
<td>6,000 lbs.</td>
</tr>
<tr>
<td>16&quot; x 22.5&quot; - 2.5 Sq. Ft 360 Sq. In.</td>
<td>59301</td>
<td>2,500 lbs.</td>
<td>5,000 lbs.</td>
<td>7,500 lbs.</td>
</tr>
<tr>
<td>17&quot; x 25&quot; - 3 Sq. Ft 432 Sq. In.</td>
<td>59302</td>
<td>3,000 lbs.</td>
<td>6,000 lbs.</td>
<td>8,000 lbs.*</td>
</tr>
<tr>
<td>24&quot; x 24&quot; - 4 Sq. Ft 576 Sq. In.</td>
<td>59303</td>
<td>4,000 lbs.</td>
<td>8,000 lbs.</td>
<td>8,000 lbs.*</td>
</tr>
</tbody>
</table>

* Concrete block rated @ 8000 lbs. Double block any higher loads.

**General Notes:**
1. Any configuration above may be used to replace a home manufacturer’s recommended concrete or wood base pad.
2. The maximum load at any intermediate soil value may be interpolated between the next lower and next higher soil values given in the above table.
3. Pad sizes shown are nominal dimensions and may vary slightly.
4. In areas susceptible to frost heave, the pad must be placed at the frost line or otherwise protected from the effects of frost. Refer to NCSBC/ANSI A225.1 “Manufactured Home Installations”.

Part Number 15339