Porch design for any structure must account for the wind exposure. Porches present lots of sail area to catch the wind and can develop very high wind uplift in ordinary wind events. They must be securely tied to the foundation. MiTek engineers and manufactures products intended to provide a load path from the porch components to the foundation.

Materials: 18 gauge  
Finish: G-185 galvanizing  
Codes: IBC, FL, LA

Installation:  
- Use all specified fasteners.  
- Not recommended for fence posts or other unrestrained (not fixed or fastened at top) applications. These anchors are not designed to resist overturning (moment) loads.  
- D44-TZ offers lateral and uplift resistance: they are not recommended as a primary means of anchorage for posts in railings.

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<tbody>
<tr>
<td>4 x 4 D44-TZ</td>
<td>BC40, BC402</td>
<td>18</td>
<td>3-9/16 2-1/2 3-3/8</td>
<td>8 16d HDG 4 16d HDG</td>
<td>700 885 885</td>
<td>565 760 760</td>
<td>IBC, FL, LA</td>
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1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
2) NAILS: 16d nails are 0.162” dia. x 3-1/2” long.

New products or updated product information are designated in blue font.

NP Nail Plates

The NP Nail Plates are an ideal economical solution for attaching wooden members together in a non-structural connection. Also may be used as a prescriptive top plate splice per the International Residential Code (IRC). They are pre-punched for 8d common nails.

Materials: 20 gauge  
Finish: G90 galvanizing  
Codes: IRC R602.3.2

Installation:  
- Use nails appropriate for intended use. Holes are sized for 8d common (0.131” dia. x 2-1/2” long) or 8d (0.131” dia.) x 1-1/2” nails.  
- The designer shall determine appropriate load values.