The PBR Panel is an ideal solution for pre-engineered metal, post-frame, and agricultural buildings. This panel is recommended for light commercial and industrial projects as well as consumer-based Do-It-Yourself (DIY) applications.

**FEATURES AND BENEFITS**
- **36” net panel coverage** can be installed over solid substrates or spaced support members.
- **Purlin-bearing leg** speeds installation and improves the quality of panel side laps providing a consistent weather-resistant joint.
- Provides traditional metal roof or wall appearance with 1¼” high trapezoidal major ribs at 12” on center with minor ribs between each major rib.
- **Trim packages** available in the same gauge and color as the roof and wall panel.
- **PBR Panel** can be installed on pitches as low as 1:12 with field applied mastic.
- Matching polycarbonate panels available.

**PANEL OVERVIEW**
- Available in Dura Tech™ nt colors and ZINCALUME® Plus.
- ZINCALUME coated substrate, per ASTM A792, is standard and backed by a limited corrosion warranty on painted or unpainted panels. It is not recommended for use in structures where exposure to animals and/or animal waste will occur.
- Building Code Approval Report: #ER-0550
The Dura Tech™ nt system combines the protection of ZINCALUME® with a highly durable COOL Resin technology to reduce the demand for energy and provide excellent color retention.

**PAINT FINISH NOTES**

All PBR Panels are available in standard, 26 gauge, Dura Tech nt colors, as well as ZINCALUME Plus. Inquire with a sales representative for lead times and more information.

**AVAILABILITY**

PBR Panel is available out of Sacramento, CA and Spokane, WA. Additional lead times apply on products supplied from a non-local facility.

**FLASHINGS & TRIM**

All trims and flashings are offered in standard, 26 gauge, Dura Tech nt colors, as well as ZINCALUME Plus. Inquire with a sales representative for more information.

**OIL CANNING**

All flat metal surfaces can display waviness commonly referred to as "oil canning". "Oil canning" is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.

---

**LOAD TABLE**

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Span</th>
<th>Cond.</th>
<th>2'-0&quot;</th>
<th>2'-6&quot;</th>
<th>3'-0&quot;</th>
<th>3'-6&quot;</th>
<th>4'-0&quot;</th>
<th>5'-0&quot;</th>
<th>6'-0&quot;</th>
<th>7'-0&quot;</th>
<th>8'-0&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Single</td>
<td>ASD, WI</td>
<td>240</td>
<td>153</td>
<td>107</td>
<td>78</td>
<td>60</td>
<td>38</td>
<td>27</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>L/180</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Double</td>
<td>ASD, WI</td>
<td>252</td>
<td>166</td>
<td>117</td>
<td>86</td>
<td>66</td>
<td>43</td>
<td>29</td>
<td>21</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>L/180</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Triple</td>
<td>ASD, WI</td>
<td>307</td>
<td>203</td>
<td>144</td>
<td>107</td>
<td>82</td>
<td>53</td>
<td>38</td>
<td>27</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>L/180</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Properties**

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Thickness</th>
<th>Yield (ksi)</th>
<th>Tensile (ksi)</th>
<th>Wt. (lbs/ft²)</th>
<th>I+ (in⁴/ft)</th>
<th>S+ (in³/ft)</th>
<th>I- (in⁴/ft)</th>
<th>S- (in³/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>0.0173</td>
<td>80</td>
<td>82</td>
<td>0.85</td>
<td>0.0463</td>
<td>0.0400</td>
<td>0.0394</td>
<td>0.0457</td>
</tr>
</tbody>
</table>

**NOTES:**

- Top values based on allowable stress (ASD). Bottom values based on a deflection limit of L/180.
- "-" denotes that the allowable load is limited by the panel stress vs. deflection limit.
- Steel conforms to ASTM A653 (Galvanized) or ASTM A792 (ZINCALUME) structural steel.
- Tabulated values are for positive (inward) uniform loading only.
- Values are based on the American Iron and Steel Institute "Cold Formed Steel Design Manual" (AISI S100-12).
- Refer to ascbp.com for more complete PBR Panel performance data.

---

**ASC Building Products' Roofing and Siding is the Building Choice You Can Make with Confidence.**

**Five lasting advantages of steel . . .**

- Outstanding Value
- Reduced Energy Costs
- Long-Term Protection
- Non-Combustible
- Low Maintenance

ASC Building Products is Proudly Distributed by: