PBR Panel

PBR is ideal for pre-engineered metal, post-frame, and agricultural buildings. Our Galvanized G90 PBR is also ideal for use in buildings for livestock and animal confinement.

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 8 Dura Tech™ net 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.
- Galvanized G90 coated substrate, per ASTM653, is ideal for animal confinement and is available in Galvanized G90 Plus and Winter White only.
- 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 our 8 standard, 26 gauge, Dura Tech nt colors, as well as ZINCALUME Plus and Galvanized G90 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 our 8 standard, 26 gauge, Dura Tech nt colors, as well as ZINCALUME Plus and Galvanized G90 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>
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<tbody>
<tr>
<td>26</td>
<td>Single Span</td>
<td>ASD, WI</td>
<td>240</td>
<td>153</td>
<td>107</td>
<td>79</td>
<td>60</td>
<td>38</td>
<td>27</td>
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<td>-</td>
<td>-</td>
<td>32</td>
<td>19</td>
<td>12</td>
<td>8</td>
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</tr>
<tr>
<td></td>
<td>Double Span</td>
<td>ASD, WI</td>
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<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>
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<tr>
<td></td>
<td>Triple Span</td>
<td>ASD, WI</td>
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<td>107</td>
<td>82</td>
<td>53</td>
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<td>35</td>
<td>22</td>
<td>15</td>
<td></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

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