**HR345 PANEL - Product Data Sheet**

![Diagram of panel dimensions](image)

### Effective I, and S<sub>x</sub> shown. Panel thickness and weight exclude coatings

<table>
<thead>
<tr>
<th>Gage</th>
<th>Mat'l Yield ksi</th>
<th>Design t, inches</th>
<th>Panel Weight lb/sq ft</th>
<th>Top in Compression</th>
<th>Bottom in Compression</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>I&lt;sub&gt;x&lt;/sub&gt; in&lt;sup&gt;4&lt;/sup&gt;</td>
<td>S&lt;sub&gt;x&lt;/sub&gt; in&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td>29</td>
<td>80</td>
<td>0.0142</td>
<td>0.733</td>
<td>0.0557</td>
<td>0.0520</td>
</tr>
<tr>
<td>26</td>
<td>80</td>
<td>0.0187</td>
<td>0.965</td>
<td>0.0797</td>
<td>0.0851</td>
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<tr>
<td>26</td>
<td>50</td>
<td>0.0187</td>
<td>0.965</td>
<td>0.0828</td>
<td>0.0937</td>
</tr>
<tr>
<td>24</td>
<td>50</td>
<td>0.0236</td>
<td>1.218</td>
<td>0.1103</td>
<td>0.1280</td>
</tr>
</tbody>
</table>

**PANEL OPTIONS**

- Panel width: 34 1/2" coverage
- Panel configuration: 1 1/2" rib height, 6.9" rib spacing
- Panel lengths: Up to 45 ft. Please inquire for longer lengths
- Roof Slope: Minimum 1:12
- Gauge: 24, 26 or 29. Please inquire for other gauges
- Substrate: Galvalume<sup>®</sup> or Galvanized steel
- Paint System: SMP or Kynar<sup>®</sup> 500/Hylar 5000<sup>®</sup>

**TESTING**

**CLASS A – FIRE RATING**

Metal is a noncombustible material and therefore holds the highest fire rating available - Class A. Therefore, many insurance companies offer discounts on fire insurance for homes with metal roofs. Please note that the fire classification of the material is not necessarily the fire classification of the entire roof; the roof will be fire rated based on all materials present.

Oil canning is a natural occurrence in metal panels and is not cause for panel rejection. Prior to ordering and installing roofing panels, always check local building code requirements for additional restrictions that may apply to your project. If necessary, consult a design professional for assistance.

Borga, Inc. 1/2008 Subject to change without notice

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