PROFILE IDENTIFICATION AND DETAILED DRAWING

PRODUCT:
SUNSKY®

PALRAM PROFILE NAME/DESIGNATION
257/38

PROFILE #
6250

PRODUCT: PALRAM PROFILE NAME/DESIGNATION
SUNSKY® 257/38

MAXIMUM ROOF SPAN (INCHES)

<table>
<thead>
<tr>
<th>Load (lb/ft²)</th>
<th>0.04&quot; (1mm) thickness</th>
<th>0.05&quot; (1.2mm) thickness</th>
<th>0.06&quot; (1.5mm) thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Span</td>
<td>Mid Span</td>
<td>End Span</td>
<td>Mid Span</td>
</tr>
<tr>
<td>10</td>
<td>48</td>
<td>64</td>
<td>51</td>
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<td>20</td>
<td>42</td>
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<td>33</td>
<td>27</td>
</tr>
<tr>
<td>100</td>
<td>24</td>
<td>32</td>
<td>26</td>
</tr>
</tbody>
</table>

NOTES ABOUT MAXIMUM ROOF SPANS

- The specified dimensions do not supersede the requirements of local construction codes.
- The given spans are according to deflections criterion of L/20, and minimum slope of 10%.
- The maximum roof spans are based on calculation model and practical testing.
- The mentioned load refers to wind and snow load only.
- For vertical application spans can be increased by 10%.

Product-Specific INSTALLATION & TECH SPECS

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**FASTENER AND WASHER SPECIFICATION FOR THIS PROFILE**

<table>
<thead>
<tr>
<th>Valley Fixing</th>
<th>Crest Fixing</th>
<th>Side Lap Stitching</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-drilling ¼&quot; (6mm) x 1.5&quot; (38mm) screw with 19 mm diameter galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.</td>
<td>Self-drilling ¼&quot; (6mm) x 3&quot; (76mm) screw with 19 mm diameter galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.</td>
<td>¼&quot; (6mm) x 1&quot; (25mm) self-tapping screw with 19 mm diameter galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness.</td>
</tr>
</tbody>
</table>

**FASTENING**

- Apply sealing tape over the SUNSKY panel side-lap corrugation crests, where covered by the next panel.
- Apply sealing tape along the bottom and top end-lap (if there is one), along screw center line or two lines of tape on both sides of screw center line.
- Pre-drill 3/8" holes where screws are positioned.
- Fasten the screws according to the fastening illustrations below, starting from the first side-lap through, the pre-drilled holes.
- Fasten the Side Lap Stitching Screws at every 12-16 inches (Fig. 3).

**DO NOT OVER-TIGHTEN!** Washers should be perpendicular to purlin, and tightened to the point where they are firmly seated, but not bulging.

**FASTENER LOCATIONS FOR THIS PROFILE**

**Fig. 1**

**Fig. 2**

**Fig. 3**

**PANEL OVERLAP AND OVERHANG**

- Recommended longitude overlap of 8" above purlin.
- Each panel to extend 4" over the fixings line on the purlin.
- Panels should overhang a minimum of 2 inches and maximum 6 inches beyond the row of fasteners.

**CURVED ROOF APPLICATIONS**

- Minimum curving radius 23 feet

Profile shown for illustration purposes only.