**AJIYA® MEGA RIB 30 PU PVC**

**PRODUCT DESCRIPTION**

Mega Rib 30 PU PVC made up of 3 layers of pre-painted steel, rigid Polyurethane (PU) and the fire retardant PVC lamination. It is a complete insulation system built into a single product which can effectively reduce heat and noise.

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outer Skin</td>
<td>Mega Rib 30</td>
</tr>
<tr>
<td>Insulation</td>
<td>Polyurethane (PU)</td>
</tr>
<tr>
<td>Inner Skin</td>
<td>PVC</td>
</tr>
<tr>
<td>Available Thickness</td>
<td>0.36mm - 0.55mm TCT*</td>
</tr>
<tr>
<td>Thickness</td>
<td>20mm, 25mm</td>
</tr>
</tbody>
</table>

*TCT - Total Coated Thickness

**STANDARD MATERIAL SPECIFICATIONS**

- Finished Coating
- Primer Coating
- Chemical Pretreatment
- Zinc Coating
- Cold Rolled Steel
- PVC Lamination

**INSULATION PROPERTIES**

<table>
<thead>
<tr>
<th>Items</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of insulation</td>
<td>Bonded Rigid Polyurethane</td>
</tr>
<tr>
<td>Thickness of insulation</td>
<td>20mm</td>
</tr>
<tr>
<td>Insulation Density</td>
<td>35 - 42 kg/m³</td>
</tr>
<tr>
<td>Thermal Resistance (R)</td>
<td>1.18 m² K/W</td>
</tr>
</tbody>
</table>

Roof Pitch

The minimum recommended roof pitch is 2°
**PRODUCT DESCRIPTION**

Mega Rib 30 PU Metal made up of 3 layers of prepainted steel, rigid Polyurethane (PU) and steel sheet firmly laminated to the foam layer. It is a complete insulation system built into a single product which can effectively reduce heat and noise.

- **Outer Skin**: Mega Rib 30
- **Insulation**: Polyurethane (PU)
- **Inner Skin**: Flat Metal Sheet

**Rib height**: 30mm
**Effective cover**: 750mm
**Minimum roof pitch**: 2°

**STANDARD MATERIAL SPECIFICATIONS**

- Finished Coating
- Primer Coating
- Chemical Pretreatment
- Zinc Coating
- Cold Rolled Steel
- Zinc Coating
- Chemical Pretreatment
- Primer Coating
- Finished Coating
- PU
- Metal Sheet

**INSULATION PROPERTIES**

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<tbody>
<tr>
<td>Type of insulation</td>
<td>Bonded Rigid Polyurethane</td>
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<tr>
<td>Thickness of insulation</td>
<td>20, 25, 50</td>
</tr>
<tr>
<td>Insulation Density</td>
<td>35-42 kg/m³</td>
</tr>
<tr>
<td>Thermal Resistance (R)</td>
<td>1.18 m²·K/W, 1.47 m²·K/W, 2.94 m²·K/W</td>
</tr>
</tbody>
</table>

*TCT - Total Coated Thickness

Root Pitch
The minimum recommended roof pitch is 2°
Crest Fixing

Panel End Cut Back
For installation of insulated metal roof, the following measures are recommended.
- Cut back at eaves - 100mm
- Cut back at end laps - 150mm

Panel End Lap

Color Selection Chart

- MIST GREY (Y1)
- LIGHT BEIGE (E1)
- ASIA ORANGE (A1)
- TILE RED (R1)
- OFF WHITE (W1)
- YODO GREEN (G1)
- HORIZON BLUE (B1)
- FINA BLUE (B2)
- ZINCALUME (Z)

* Colours printed in this brochure are as close as normal printing process would allow and customers are advised to check and verify your chosen colour against an actual sample of the product before purchasing.

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