Note
1. Properties and loads are based on Grade 230 Steel with a minimum yield stress of 230 MPa, and a maximum stress under Factored loads of 207 MPa.

2. Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load]+[0.833 x Specified Dead Load]

3. Figures in row D indicate the load capacity based on deflection of 1/240th span. Divide values by 1.5 for deflection of 1/360th span. Deflection capacity should be checked against specified Load(s).

4. Web crippling reaction values are based on bearing equal to the depth of the deck.

5. An * against a figure indicates capacity has been reduced to account for web crippling.

6. For Acoustic Deck, reduce the capacity given by three (3) percent.

7. Deck is not designed to carry concentrated hanging loads.

---

**Physical Properties**

In accordance with CSA Specification S136-07

<table>
<thead>
<tr>
<th>Load Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Specified Uniformly Distributed Load in kN/m² (kPa)</td>
</tr>
</tbody>
</table>

---

**Limit States Design**

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**Metric**

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### Base Steel Nominal Thickness (mm)

<table>
<thead>
<tr>
<th>1-Span</th>
<th>2-Span</th>
<th>3-Span</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Properties and Loads

- Properties and loads are based on Grade 230 Steel with a minimum yield stress of 230 MPa, and a maximum stress under Factored loads of 207 MPa.

- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load]+[0.833 x Specified Dead Load].

- Figures in row D indicate the load capacity based on deflection of 1/240th span. Divide values by 1.5 for deflection of 1/360th span. Deflection capacity should be checked against specified Load(s).

- Web crippling reaction values are based on bearing equal to the depth of the deck.

- An * against a figure indicates capacity has been reduced to account for web crippling.

- For Acoustic Deck, reduce the capacity given by three (3) percent.

- Deck is not designed to carry concentrated hanging loads.

---

### Roof Deck

**RD 306**

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### Base Steel Nominal Thickness (mm)

<table>
<thead>
<tr>
<th>1-Span</th>
<th>2-Span</th>
<th>3-Span</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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### Limit States Design

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### Note

1. Properties and loads are based on Grade 230 Steel with a minimum yield stress of 230 MPa, and a maximum stress under Factored loads of 207 MPa.

2. Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load]+[0.833 x Specified Dead Load].

3. Figures in row D indicate the load capacity based on deflection of 1/240th span. Divide values by 1.5 for deflection of 1/360th span. Deflection capacity should be checked against specified Load(s).

4. Web crippling reaction values are based on bearing equal to the depth of the deck.

5. An * against a figure indicates capacity has been reduced to account for web crippling.

6. For Acoustic Deck, reduce the capacity given by three (3) percent.

7. Deck is not designed to carry concentrated hanging loads.

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**In accordance with ongoing efforts to improve our products and their performance, Vicwest reserves the right to change without notice the specifications contained herein.**

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### Limit States Design

**Note**

1. Properties and loads are based on Grade 33 Steel with a minimum yield stress of 33,000 psi, and a maximum stress under Factored loads of 29,700 psi.

2. Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load]+0.833 x Specified Dead Load]

3. Figures in row D indicate the load capacity based on deflection of 1/240th span. Divide values by 1.5 for deflection of 1/360th span. Deflection capacity should be checked against specified Load(s).

4. Web crippling reaction values are based on bearing equal to the depth of the deck.

5. An * against a figure indicates capacity has been reduced to account for web crippling.

6. For Acoustic Deck, reduce the capacity given by three (3) percent.

7. Deck is not designed to carry concentrated hanging loads.

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### Physical Properties

**Load Table**

Maximum Specified Uniformly Distributed Load in lb/ft² (psf)

In accordance with CSA Specification S136-07

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### Roof Deck

**RD 306**

Imperial

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![Diagram](image-url)