Standing Seam Trim Details

A brief guide to the various trims used for standing seam metal roofing, as well as how they are installed.

This guide does not cover some aspects of installation. See our installation guide for more info. Butyl Sealant tape or Tube Sealant should be used under all Z-Channel.
Ridge Option 1 (Closed Ridge)

Panel goes down first, then the z-channel, and finally the Ridge Cap.

Color Explanations:
- Panel
- Ridge Cap
- Z-Channel
- Pancake Head Screw
- Pop Rivet
- Butyl Tape or Tube Sealant

Subtract 2” from panel lengths.
**Ridge Option 2 (Vented Ridge)**

Panel goes down first, then the z-channel, then the perforated vent drip (allows for venting) and finally the Ridge Cap.

Color Explanations:
- Panel
- 13” Ridge Cap
- Perforated Vent Drip
- Z-Channel
- Pancake Head Screw
- Pop Rivet
- Butyl Tape or Tube Sealant

Subtract 2” from panel lengths.
Ridge Option 3
(Vented Ridge)

Panel goes down first, then the anchor clip, then the profile vent material, and finally the Ridge Cap.

Color Explanations:
Panel | Ridge Cap | Profile Vent Material
Vent Anchor Clip | Pancake Head Screw
Pop Rivet | Butyl Tape or Tube Sealant

Subtract 2” from panel lengths.
Eave Trim Details for Standing Seam

**Eave Option 1**
*(Hem around Eave)*

Cleat is installed, then extended eave is hooked over cleat, and finally the Panel ribs are cut off, and the flat part is hemmed around the extended eave trim.

**Color Explanations:**
- Panel
- Extended Eave
- Cleat
- Pancake Head Screw
- Tube Sealant

Add 1½” to measurements for overhang, plus 1” to fold around eave, for a total of 2½” extra.
**Eave Option 2**  
*(Screw Down Eave)*

Extended eave is screwed down, and finally the Panel ribs are cut off, and the flat part is hemmed around the extended eave trim.

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**Color Explanations:**
- Panel
- Extended Eave
- Colored Screw
- Pancake Head Screw
- Tube Sealant

Add 1½” to measurements for overhang, plus 1” to fold around eave, for a total of 2½” extra.
**Eave Option 3**  
*(Screw Down Panel And Eave)*

Extended eave is screwed down, panels are put down, and then a colored screw is installed at the eave.
Gable Trim Details for Standing Seam

**Gable Option 1**  
*(Using Cleat)*

Panel goes down first, then the z-channel, and then the cleat, and finally the gable trim. (Also known as rake trim)

<table>
<thead>
<tr>
<th>Color Explanations:</th>
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</thead>
<tbody>
<tr>
<td>Panel</td>
</tr>
<tr>
<td>Z-Channel</td>
</tr>
<tr>
<td>Butyl Tape or Tube Sealant</td>
</tr>
</tbody>
</table>
Gable Option 2

(No Cleat)

Panel goes down first, and then the z-channel, and finally the gable trim. (Also known as rake trim)
Gable Option 3

(Using Small Gable)

Panel goes down first, then the gable trim. You could also use a z-channel with this custom gable.

Color Explanations:
Panel  Custom Gable Trim  Colored Screw
**Gable Option 4**

*(Screw Down Step Gable)*

Panel goes down first, then the gable trim.

**Color Explanations:**
- Panel  Screw Down Step Gable Trim
- Colored Screw  Butyl Tape or Tube Sealant
**Valley Option 1**  
*(Using Offset Cleat)*

Valley goes down first, then the Offset Cleat, and finally the Panel ribs are cut off, and the flat part is hemmed around the Offset Cleat.

**Color Explanations:**
- Panel
- Valley
- Tube Sealant
- Offset Cleat
- Pancake Head Screw

Subtract 3-4” from measurements for room to flow between the panel and the valley “V” diverter, but add 1” to fold around offset cleat.
Valley Option 2

*(Screw Down Valley)*

Valley goes down first, then the panels.

Color Explanations:

- Panel
- Valley
- Tube Sealant
- Colored Screw
- Pancake Head Screw

Subtract 3-4” from measurements for room to flow between the panel and the valley “V” diverter.
Sidewall Details for Standing Seam

Sidewall Option 1  
(Using Counter Flashing)

Panel goes down first, then the z-channel, and then the sidewall flashing, then the counter flashing, and finally the tube sealant.

Color Explanations:
Panel  Sidewall Flashing  Counter Flashing  Butyl Tape or Tube Sealant
Z-Channel  Colored Screw  Pancake Head Screw  Pop Rivet
**Sidewall Option 2**

*(Under Siding Material)*

Panel goes down first, then the z-channel, and then the sidewall flashing, and finally the siding materials (by others).

**Color Explanations:**

<table>
<thead>
<tr>
<th>Color</th>
<th>Material Description</th>
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<tbody>
<tr>
<td>Panel</td>
<td>Sidewall Flashing</td>
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<tr>
<td>Z-Channel</td>
<td>Pancake Head Screw</td>
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<tr>
<td>Butyl Tape</td>
<td>Pop Rivet</td>
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<tr>
<td>Tube Sealant</td>
<td>Butyl Tape or Tube Sealant</td>
</tr>
</tbody>
</table>
Sidewall Option 3
(Screw Down Step Sidewall)

Panel goes down first, then the step sidewall flashing, and finally the siding materials (by others).

Color Explanations:
- Panel
- Step Sidewall Flashing
- Siding Material (by others)
- Pancake Head Screw
- Colored Screw
- Butyl Tape or Tube Sealant
Endwall Details for Standing Seam

**Endwall Option 1**
*(Using Counter Flashing)*

Panel goes down first, then the z-channel, and then the endwall flashing, then the counter flashing, and finally the tube sealant.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Panel</td>
<td></td>
</tr>
<tr>
<td>Endwall Flashing</td>
<td></td>
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<tr>
<td>Counter Flashing</td>
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<td>Butyl Tape or Tube Sealant</td>
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<tr>
<td>Pancake Head Screw</td>
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<td>Pop Rivet</td>
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**Endwall Option 2**
*(Using Siding Material)*

Panel goes down first, then the z-channel, and then the endwall flashing, and finally the siding material (by others).

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**Transition Option 1** *(Hemmed)*

Lower panel goes down first, then the z-channel, and then the transition flashing, then the offset cleat, finally the upper panel ribs are cut off, and the flat part is hemmed around the offset cleat.

As you can see here, the upper panels must be 2-6” shorter than the actual measurement, because you lose some room for the lower panels and the transition flashing. (The less difference between pitches, the shorter the panels will be). Be sure to add 1” to fold around offset cleat.

**Color Explanations:**
- Panel
- Transition Flashing
- Offset Cleat
- Z-Channel
- Pancake Head Screw
- Pop Rivet
- Butyl Tape or Tube Sealant
**Transition Option 2 (Exposed Screw)**

Lower panel goes down first, then the z-channel, and then the transition flashing, then the offset cleat, finally the upper panels are put down, then a colored screw is installed at the transition.

As you can see here, the upper panels must be 2-6” shorter than the actual measurement, because you lose some room for the lower panels and the transition flashing. (The less difference between pitches, the shorter the panels will be).

**Color Explanations:**
- Panel
- Transition Flashing
- Z-Channel
- Pop Rivet
- Pancake Head Screw
- Colored Screw
- Butyl Tape or Tube Sealant