**Note 1:** Install ATA Shield down fascia as shown.
Factory Pre Notched Z Closure

11" Panel - Factory Pre Notched Z Closure will cover 5 Panels.
15" Panel - Factory Pre Notched Z Closure will cover 4 Panels.
19 1/4" Panel - Factory Pre Notched Z Closure will cover 3 Panels.

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
**Factory Pre Notched Hip Z Closure**

*Right and Left sides are made depending on Panel and Roof Slopes.

**Note:** Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
Positive Panel Interlock (N.T.S.)
### Fastener Quantity for Pre-Notched Z Closures

<table>
<thead>
<tr>
<th>Panel Width</th>
<th># of Fasteners per Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>11&quot;</td>
<td>3</td>
</tr>
<tr>
<td>15&quot;</td>
<td>4</td>
</tr>
<tr>
<td>19 1/4&quot;</td>
<td>5</td>
</tr>
</tbody>
</table>

- **11" Dutch Seam**
- **15" Dutch Seam**
- **19 1/4" Dutch Seam**

- **Vented Pre-Notched Z Closures (N.T.S.)**
Factory Pre Notched Z Closure

11" Panel - Factory Pre Notched Z Closure will cover 5 Panels.
15" Panel - Factory Pre Notched Z Closure will cover 4 Panels.
19 1/4" Panel - Factory Pre Notched Z Closure will cover 3 Panels.

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
Factory Pre Notched Z Closure
11" Panel - Factory Pre Notched Z Closure will cover 5 Panels.
15" Panel - Factory Pre Notched Z Closure will cover 4 Panels.
19 1/4" Panel - Factory Pre Notched Z Closure will cover 3 Panels.

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
Note 1: Install ATA Shield down Fascia as shown.
Butyl Tape Detail (N.T.S.)

Z Closure
Anchor Clip
Pop Rivet 6" O.C.
Butyl Tape

Butyl Tape Detail (N.T.S.)

Wall
Appropriate Sealant
Appropriate Fastener
Counterflashing (anchor where appropriate)
ATA Shield (1 width of roll)
Sidewall Trim
Painted Pop Rivet 24" O.C.
Trim Board
ATA Guard
Plywood Substrate

MDA910-Z Closure

3/8" W.H.
1/2"
2 1/2"
3/4"
**

MDA980-Counterflashing

MDA410-Sidewall Trim

4"
**Note:** Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.

**Note:** Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.

Factory Vented Pre Notched Z Closure
- 11" Panel - Factory Vented Pre Notched Z Closure will cover 5 Panels.
- 15" Panel - Factory Vented Pre Notched Z Closure will cover 4 Panels.
- 19 1/4" Panel - Factory Vented Pre Notched Z Closure will cover 3 Panels.

Vented Headwall Trim
- MDA510-2:12 to 6:12 Slope
  - D1=6 1/2" 
- MDA514-6:12 to 12:12 Slope
  - D1=7 1/2"

MAD980-Counterflushing

MDA911-Vented Z Closure
**Note:** Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.

**Note:** Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.

**Factory Vented Pre Notched Z Closure**
- **11" Panel** - Factory Vented Pre Notched Z Closure will cover 5 Panels.
- **15" Panel** - Factory Vented Pre Notched Z Closure will cover 4 Panels.
- **19 1/4" Panel** - Factory Vented Pre Notched Z Closure will cover 3 Panels.

**MDA911-Vented Z Closure**

**Vented Ridge Cap**
- MDA322-2:12 to 6:12 Slope  
  D1=7 1/4"
- MDA324-6:12 to 9:12 Slope  
  D1=8 1/4"
- MDA326-9:12 to 12:12 Slope  
  D1=9 1/4"

**Dimensions**
- 2 1/4"  
  5/8"  
  5/8"  
  1 11/16"  
  1"  
  1/2"  
  3/4"
**Note:** Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.

**Note:** Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.