Allow for Thermal Expansion/Contraction

Dutch Seam Panel

Plywood Substrate

Dutch Seam Clip

#10 x 1" Wafer Head Screw

ATA-Guard

ATA-Shield

1 width of roll

6" Max.

S.S. Painted Pop Rivets

Metal Plug

Eave Trim

Fasica Trim

Trim Board

Eave Trim

MDA111 - 2:12 to 4:12 Slope
D1 = 1"

MDA112 - 4:12 to 8:12 Slope
D1 = 1 1/2"

MDA113 - 8:12 to 12:12 Slope
D1 = 2"

Slope

1"

3/4"
Gable Starter Cleat
Gable Trim
Painted Pop Rivets 24" O.C.
ATA-Guard
ATA-Shield
1 width of nail
Plywood Substrate

#10 x 13 x 1" Wafer Head Screws
Trim Board

Z Closure
Dutch Seam Clip
Pop Rivets 6" O.C.
Butyl Tape

Butyl Tape Detail (N.T.S)

Note 1: Install ATA Shield down Fascia as shown.

MDA210-Gable Trim Cap
MDA211-Gable Starter Cleat
MDA910-Z Closure

Note: * denotes color side.
Note: * denotes color side.

**Note 1:** Install ATA Shield down Fascia as shown.
Factory Pre Notched Hip Z Closure
*Right and Left sides are made depending on Panel and Roof Slopes.

Note: * denotes color side.

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
4" Min. to 6" Max.
Allow for Thermal Expansion/Contraction

Plywood Substrate

ATA-Guard
(1 width of roll)

Dutch Seam Panel

Dutch Seam Clip

#10-13 x 1" Wafer Head Screw Butyl Tape

Joggle Cleat Valley Trim

Trim Board

Note: * denotes color side.
Note: * denotes color side.
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: * denotes color side

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
**Note:** Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.

**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.

*Note:* * denotes color side.

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

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"

MDA911-Vented Z Closure
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.

Dutch Seam Panel
Neoprene
Butyl Tape
Z Closure
S.S. Painted Pop Rivet
ATA-Guard
Plywood
Dutch Seam Clip

Shed Ridge Cap
Starter Cleat
#10 x 1" Wafer Head Screw

MDA910-Z Closure

11/16"
1" 11/16"
1"
1/2" 0.H.
1/2" W.H.
13/16"

Note: * denotes color side.
Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
**Note:** Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.

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.

* denotes color change.

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

### Vented Shed Ridge Cleft

**MDA361:** 2:12 to 6:12 Slope
- $D_1 = 5 \frac{3}{8}"$

**MDA368:** 6:12 to 9:12 Slope
- $D_1 = 5 \frac{5}{8}"$

**MDA369:** 9:12 to 12:12 Slope
- $D_1 = 5 \frac{7}{8}"$

### Vented Shed Ridge

**MDA362:** 2:12 to 6:12 Slope
- $D_1 = 7 \frac{1}{4}" / D_2 = 5 \frac{1}{2}"$

**MDA364:** 6:12 to 9:12 Slope
- $D_1 = 8 \frac{1}{4}" / D_1 = 5 \frac{3}{4}"$

**MDA366:** 9:12 to 12:12 Slope
- $D_1 = 9 \frac{1}{4}" / D_2 = 6"$

**Dutch Seam Vented Shed Ridge Detail**

ATAS INTERNATIONAL, INC
Albion, NY
610-356-8445
Fax 610-518-7210
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: * denotes color side.

Note: Neoprene Closures are not required if Factory Pre Notched Z Closures are utilized.
**Note:** Start/End Vented Z Closure runs with at least 2'-0" of Non-Vent Z Closures.

**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**

**MDA980-Counterflushing**

**MDA510-2:12 to 6:12 Slope**
D1=6 1/2"

**MDA514-6:12 to 12:12 Slope**
D1=7 1/2"

**Vented Headwall Trim**

**Note:** *
* denotes color side.

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