**BUTYL SEALANT TAPE**

1/4" ROUND X 40'

[7412BWH]

**CLIP SEALANT**

**CFR PANEL CLIP**

@ EACH PANEL SIDELAP

(SEE CHART)

**1/4"-14 X 2" HWH TYPE 3**

W/O WASHER

[1616PNC]

**ROOF PURLINS**

(NOT BY PANEL MANUFACTURER)

**MINIMUM PANEL BEARING SURFACE**

2 1/2" - 3/16" X 20'

[HW502]

**FACTORY INSTALLED BACK-UP PLATE @ EACH HIGH MESA, 4" O.C.**

**CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT**

W/MARRIAGE BEAD TO PANEL JOINT SEALANT [7100BWH]

**FASTENERS (NOT BY PANEL MANUFACTURER)**

**ENDLAP SUPPORT (NOT BY PANEL MANUFACTURER)**

**ROOF PURLINS (NOT BY PANEL MANUFACTURER)**

---

**T**

<table>
<thead>
<tr>
<th>PANEL CLIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
</tr>
<tr>
<td>2.5&quot;</td>
</tr>
<tr>
<td>3&quot;</td>
</tr>
<tr>
<td>4&quot;</td>
</tr>
<tr>
<td>5&quot;</td>
</tr>
<tr>
<td>6&quot;</td>
</tr>
</tbody>
</table>

**COMMERCIAL & INDUSTRIAL**

**ENDLAP ATTACHMENT**

CI–CFR–EL–01–A

DATE: Aug '19
1/4"-14 X 7/8" LL HWH TYPE 1 W/WASHER @ EACH HIGH MESA [4]

1/4"-14 X 7/8" HWH TYPE 1 W/WASHER @ 8" O.C. [4A]

EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)

EAVE TRIM (SEE CHART)

1/4"-14 X 7/8" HWH TYPE 1 W/WASHER @ 8" O.C. [4A]

DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20' [7405BWH]

FLUTE CLOSURE STRIP (1) PER PANEL (IF REQUIRED) [7607UBK]

3" PANEL CUT-BACK

2'

1/4"-14 X 2" HWH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT W/MARRIAGE BEAD TO PANEL JOINT SEALANT [7100BWH]

1/4"-14 HWH TYPE 3 W/O WASHER

14 GA. 4 HOLE CF PANEL CLIP 4" X 3/4" [4633GNC]

EAVE SUPPORT (NOT BY PANEL MANUFACTURER)

<table>
<thead>
<tr>
<th>T</th>
<th>PANEL CLIP</th>
<th>EAVE TRIM</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>4102GNC</td>
<td>F3415</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>4125GNC</td>
<td>F3415</td>
</tr>
<tr>
<td>3&quot;</td>
<td>4103GNC</td>
<td>F3415</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4104GNC</td>
<td>F3416</td>
</tr>
<tr>
<td>5&quot;</td>
<td>4105GNC</td>
<td>F3416</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4106GNC</td>
<td>F3417</td>
</tr>
</tbody>
</table>

COMMERCIAL & INDUSTRIAL

LOW EAVE WITH TRIM

CI-CFR-EV-01-A

DATE: Aug '19
**Double Bead Butyl Tape**
- 5/32" x 1/2" x 40'
  - @ Side Joints
  - (see Installation Guide [7406BWH])

**1/4"-14 x 7/8" LL HWH Type 1**
- W/Washer
  - @ Each High Mesa [4]

**Gutter Support**
- [F246]

**Eave Support**
- (Not by Panel Manufacturer)

**Butyl Sealant Tape**
- 1/4" Round x 40'

**Clip Sealant**
- [7412BWH]

**CFR Panel Clip**
- @ Each Panel Sidelap (see Chart)

**Continuous Non-Skinning Butyl Tube Sealant**
- W/Marriage Bead to Panel Joint Sealant [7100BWH]

**1/4"-14 x 2" HWH Type 3**
- W/O Washer (3 per clip)
  - [1616PNC]

**14 Ga. 4 Hole CF Panel Clip**
- 4" x 3/4" [4633GNC]

**Standard Gutter**
- (see Chart)

**Double Bead Butyl Tape**
- 1" x 1/4" x 20'
  - [7405BWH]

**Expandable Foam Insulation**
- (Not by Panel Manufacturer)

**Eave Trim**
- (see chart)

**Flute Closure Strip**
- (1) per panel (if required) [7607UBK]

### Table

<table>
<thead>
<tr>
<th>T</th>
<th>PANEL CLIP</th>
<th>EAVE TRIM</th>
<th>STANDARD GUTTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>4102GNC</td>
<td>F3415</td>
<td>F3420</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>4125GNC</td>
<td>F3415</td>
<td>F3420</td>
</tr>
<tr>
<td>3&quot;</td>
<td>4103GNC</td>
<td>F3415</td>
<td>F3420</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4104GNC</td>
<td>F3416</td>
<td>F3421</td>
</tr>
<tr>
<td>5&quot;</td>
<td>4105GNC</td>
<td>F3416</td>
<td>F3421</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4106GNC</td>
<td>F3417</td>
<td>F3422</td>
</tr>
</tbody>
</table>

**Commercial & Industrial**

**Low Eave**

**With Standard Gutter**

**CI-CFR-EV-G3-A**

**Date:** Aug '19
THRU FASTENER @12" O.C. (SEE CHART)

RAKE ZEE TRIM [F3444]

EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)

RAKE TRIM (SEE CHART)

1/4" - 14 X 7/8" HWH TYPE 1 W/WASHER @ 8" O.C. [4]

DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20' [7405BWH]

FLUTE CLOSURE STRIP (1) PER PANEL (IF REQUIRED) [7607UBK]

1/4" - 14 X 7/8" HWH TYPE 1 W/WASHER @ 8" O.C. [4A]

EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)

DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20' [7405BWH]

14 GA. 4 HOLE CF PANEL CLIP 4" X 3/4" [4633GNC]

NON-SKINNING BUTYL TUBE SEALANT [7100BWH]

CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT W/MARRIAGE BEAD TO PANEL JOINT SEALANT [71003WH]

1/4" - 14 HWH TYPE 3 W/O WASHER

RAKE SUPPORT (NOT BY PANEL MANUFACTURER)

WALL PANEL THICKNESS | ROOF PANEL THICKNESS | RAKE TRIM
--- | --- | ---
2", 2.5", 3" | 2", 2.5", 3" | F3430
2", 2.5", 3" | 4", 5" | F3431
2", 2.5", 3" | 6" | F3432
4", 5" | 2", 2.5", 3" | F3433
4", 5" | 4", 5" | F3434
4", 5" | 6" | F3435
6" | 2", 2.5", 3" | F3330
6" | 4", 5" | F3331
6" | 6" | F3332

COMMERCIAL & INDUSTRIAL RAKE WITH HIGH PROFILE TRIM

CI-CFR-RK-01-A

DATE: Aug '19

2018 Metl-Span, an NCI Building Systems company. All rights reserved.
EXPANDABLE FOAM INSULATION
(NOT BY PANEL MANUFACTURER)

DOUBLE BEAD BUTYL TAPE
1" x 1/4" x 20'
[7405BWH]

30" CFR RIDGE CLOSURE
[7901GBK]

36" CFR RIDGE CLOSURE
[7902GBK]

42" CFR RIDGE CLOSURE
[7900GBK]

TRIPLE BEAD BUTYL TAPE
1 1/4" x 5/32" x 30'
[7403BWH]
(SEE INSTALLATION GUIDE)

1/4"-14 x 7/8" LL HWH TYPE 1
W/WASHER
@ 6" O.C.
[4]

INTERIOR RIDGE TRIM
[F3504]

1/4"-14 x 1-1/4" LL HWH TYPE 3
W/WASHER
@ EACH BACK-UP PLATE 4" O.C.
[1E]

BACK-UP PLATE FACTORY
INSTALLED @ EACH HIGH
MESA, 4" O.C.

BUTYL SEALANT TAPE
1/4" ROUND X 40'
[7412BWH]

CLIP SEALANT
(SEE CHART)

1/4"-14 x 2" HWH TYPE 3
W/O WASHER (3 PER CLIP)
[1616PNC]

BUTYL SEALANT TAPE
1/4" ROUND X 40'
[7412BWH]

CLIP SEALANT
(SEE CHART)

CONTINUOUS NON-SKINNING
BUTYL TUBE SEALANT
W/MARRIAGE BEAD TO PANEL
JOINT SEALANT
[7100BWH]

ROOF PURLIN
(NOT BY PANEL MANUFACTURER)

<table>
<thead>
<tr>
<th>T</th>
<th>PANEL CLIP</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>4102GNC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>4125GNC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3&quot;</td>
<td>4103GNC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td>4104GNC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5&quot;</td>
<td>4105GNC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>4106GNC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

COMMERCIAL & INDUSTRIAL RIDGE

CI-CFR-RG-01-A
DATE: Aug '19
### Transition Wall to Roof Rake

**Materials:**
- **1/4"-14 X 7/8" LL HWH TYPE 1 W/ WASHER @ 6" O.C.**
- **DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20' [7405BWH]**
- **RAKE ZEE TRIM [F3444]**
- **EDGE TRIM [F3369]**
- **TRANSITION TRIM [F5907]**
- **Non-Skinning Butyl Tube Sealant [7100BWH]**
- **14 GA. 4 HOLE CF PANEL CLIP 4" X 3/4" [4633GNC]**
- **Double Bead Butyl Tape 1" X 1/4" X 20' [7405BWH]**
- **Continuous Non-Skinning Butyl Tube Sealant W/MARRIAGE BEAD TO PANEL JOINT SEALANT [7100BWH]**
- **1/8" X 3/16" BLIND RIVET @ 12" O.C. [14]**
- **1/4"-14 X 7/8" LL HWH TYPE 1 W/WASHER @ 6" O.C. [4]**
- **Non-Skinning Butyl Tube Sealant [7100BWH]**
- **1/4"-14 HWH TYPE 3 W/O WASHER**
- **Support (Not by Panel Manufacturer)**
- **Closure Trim**
- **Field Cut and Turn Up Top Panel Skin**
- **Expandable Foam Insulation (Not by Panel Manufacturer)**
- **Roof/Rake Support (Not by Panel Manufacturer)**
- **Thru Fastener (See Chart)**

**Table:**

<table>
<thead>
<tr>
<th>T</th>
<th>THRU PANEL FASTENER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>1132P</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>1132P</td>
</tr>
<tr>
<td>3&quot;</td>
<td>1140P</td>
</tr>
<tr>
<td>4&quot;</td>
<td>1148P</td>
</tr>
<tr>
<td>5&quot;</td>
<td>1156P</td>
</tr>
<tr>
<td>6&quot;</td>
<td>1164P</td>
</tr>
</tbody>
</table>

**Diagram:**
- Transition Wall to Roof Rake
- Commercial & Industrial
- CI-CFR-TR-01-A

**Date:** Aug '19

© 2016 Metl-Span, an NCI Building Systems company. All rights reserved.
1/8" X 3/16" BLIND RIVET
@ 12" O.C. [14]

EDGE TRIM [F3369]

CUSTOM TRANSITION TRIM
1/4"-14 X 7/8" LL HWH TYPE 1
W/WASHER
@ 6" O.C. [4]

DOUBLE BEAD BUTYL TAPE
1" X 1/4" X 20'
[7405BWH]

RAKE ZEE TRIM [F3444]

DOUBLE BEAD BUTYL TAPE
1" X 1/4" X 20'
[7405BWH]

14 GA. 4 HOLE CF PANEL CLIP
4" X 3/4" [4633GNC]

CONTINUOUS NON-SKINNING
BUTYL TUBE SEALANT
W/MARRIAGE BEAD TO PANEL
JOINT SEALANT [7100BWH]

1/4"-14 HWH TYPE 3
W/O WASHER

NON-SKINNING BUTYL
TUBE SEALANT [7100BWH]

SUPPORT REQUIRED
(NOT BY PANEL
MANUFACTURER)

CONTINUOUS NON-SKINNING
BUTYL TUBE SEALANT
W/MARRIAGE BEAD TO PANEL
JOINT SEALANT [7100BWH]

EXPANDABLE FOAM INSULATION
(NOT BY PANEL MANUFACTURER)

NON-SKINNING BUTYL
TUBE SEALANT [7100BWH]

ROOF/RAKE SUPPORT
(NOT BY PANEL MANUFACTURER)

THRU FASTENER
(SEE CHART)

<table>
<thead>
<tr>
<th>T</th>
<th>THRU PANEL FASTENER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>1132P</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>1132P</td>
</tr>
<tr>
<td>3&quot;</td>
<td>1140P</td>
</tr>
<tr>
<td>4&quot;</td>
<td>1148P</td>
</tr>
<tr>
<td>5&quot;</td>
<td>1156P</td>
</tr>
<tr>
<td>6&quot;</td>
<td>1164P</td>
</tr>
</tbody>
</table>

COMMERCIAL & INDUSTRIAL

TRANSITION
STACK JOINT TO ROOF RAKE

CI-CFR-TR-02-A

DATE: Aug '19
1/8" X 3/16" BLIND RIVET @ 12" O.C. [14]

1/4"-14 X 1" X 20' LL HWH TYPE 1
W/WASHER @ 6" O.C. [4]

1/4"-14 X 7/8" LL HWH TYPE 1
W/WASHER @ 6" O.C. [4]

1/4"-14 X 5/32" X 30' TRIPLE BEAD BUTYL TAPE
[7403BWH]

1/4"-14 X 1 1/4" X 20' DOUBLE BEAD BUTYL TAPE
[7405BWH]

1/4"-14 X 1" X 5/32" X 30' TRIPLE BEAD BUTYL TAPE
[7403BWH]

30" CFR RIDGE CLOSURE
[7901GBK]

36" CFR RIDGE CLOSURE
[7902GBK]

42" CFR RIDGE CLOSURE
[7900GBK]

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/8" X 3/16" BLIND RIVET
[14]

TRANSITION TRIM [F5801]

EDGE TRIM [F3369]

BUTYL SEALANT TAPE
[7100BWH]

CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT
W/MARRIAGE BEAD TO PANEL JOINT SEALANT
[7100BWH]

NON-SKINNING BUTYL TUBE SEALANT
[7100BWH]

1/4"-14 HWH TYPE 3 W/O WASHER

EXPANDABLE FOAM INSULATION
NOT BY PANEL MANUFACTURER

BACK-UP PLATE FACTORY INSTALLED @ EACH HIGH MESA, 4" O.C.

TRIPLE BEAD BUTYL TAPE
1 1/4" X 5/32" X 30'
[7403BWH] (SEE INSTALLATION GUIDE)

CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT
W/MARRIAGE BEAD TO PANEL JOINT SEALANT
[7100BWH]

1/4"-14 X 1 1/4" LL HWH TYPE 3 W/WASHER
@ EACH BACK-UP PLATE 4" O.C. [1E]

SUPPORT REQUIRED
(NOT BY PANEL MANUFACTURER)

TRIPLE BEAD BUTYL TAPE
1 1/4" X 5/32" X 30'
[7403BWH]

CLOSURE TRIM

BUTYL SEALANT TAPE
[7100BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

EDGE TRIM [F3369]

1/8" X 3/16" BLIND RIVET
[14]

TRANSITION TRIM [F5801]

1/4"-14 X 7/8" LL HWH TYPE 1
W/WASHER @ 6" O.C. [4]

1/4"-14 X 5/32" X 30' TRIPLE BEAD BUTYL TAPE
[7403BWH]

1/4"-14 X 1" X 20' DOUBLE BEAD BUTYL TAPE
[7405BWH]

1/4"-14 X 1" X 5/32" X 30' TRIPLE BEAD BUTYL TAPE
[7403BWH]

30" CFR RIDGE CLOSURE
[7901GBK]

36" CFR RIDGE CLOSURE
[7902GBK]

42" CFR RIDGE CLOSURE
[7900GBK]

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4" ROUND X 40' BUTYL SEALANT TAPE
[7412BWH]

1/4" ROUND X 40' CLIP SEALANT
[7412BWH]

CFR PANEL CLIP @ EACH PANEL SIDELAP
(SEE CHART)

1/4"-14 X 2" HH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]
1/4"-14 X 7/8" HWH TYPE 1 W/WASHER @ 8' O.C. [4A]

SUPPORT
(NOT BY PANEL MANUFACTURER)

COUNTER TRIM [F5723]

TRANSITION TRIM [F5801]

TRIPLE BEAD BUTYL TAPE 1 1/4" X 5/32" X 30' @ SIDE JOINTS [7403EGR]

1/4"-14 X 7/8" LL HWH TYPE 1 W/WASHER @ 6" O.C. [4]

DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20' [7405BWH]

30" CFR RIDGE CLOSURE [7901GBK]
36" CFR RIDGE CLOSURE [7902GBK]
42" CFR RIDGE CLOSURE [7900GBK]

BUTYL SEALANT TAPE 1/4" ROUND X 40' CLIP SEALANT [74128W]

CFR PANEL CLIP @ EACH PANEL SIDELAP (SEE CHART)

1/4"-14 X 2" HWH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

1/4"-14 X 1-1/4" LL HWH TYPE 3 W/WASHER @ EACH BACK-UP PLATE 4" O.C. [1E]

1/4"-14 X 7/8" HWH TYPE 1 W/WASHER @ 8" O.C. [4A]

INTERIOR TRANSITION TRIM SUPPORT (NOT BY PANEL MANUFACTURER)

ELASTOMERIC SEALANT [7203EGR]

DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20" [7405BWH]

NON-SKINNING BUTYL TUBE SEALANT [7100BWH]

EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)

BACK-UP PLATE FACTORY INSTALLED @ EACH HIGH MESA, 4" O.C.

CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT W/MARRIAGE BEAD TO PANEL JOINT SEALANT [7100BWH]

SEALANT TAPE [7300BGR]

30" CFR RIDGE CLOSURE [7901GBK]
36" CFR RIDGE CLOSURE [7902GBK]
42" CFR RIDGE CLOSURE [7900GBK]

PANEL CLIP PANEL CLIP

<table>
<thead>
<tr>
<th>T</th>
<th>PANEL CLIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>4102GNC</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>4125GNC</td>
</tr>
<tr>
<td>3&quot;</td>
<td>4103GNC</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4104GNC</td>
</tr>
<tr>
<td>5&quot;</td>
<td>4105GNC</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4106GNC</td>
</tr>
</tbody>
</table>
EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)

1/4"-14 X 1-1/4" LL HWH TYPE 3 W/WASHER @ EACH BACK-UP PLATE 4" O.C.

TRIPLE BEAD BUTYL TAPE 1 1/4" X 5/32" X 30' @ SIDE JOINTS [74093WH]

1/4"-14 X 7/8" LL HWH TYPE 1 W/WASHER @ 6" O.C. [4]

DOUBLE BEAD BUTYL TAPE 1" X 1/4" X 20' [74058WH]

30° CFR RIDGE CLOSURE [7901GBK]
36° CFR RIDGE CLOSURE [7902GBK]
42° CFR RIDGE CLOSURE [7900GBK]

BUTYL SEALANT TAPE 1/4" ROUND X 40' CLIP SEALANT [74125WH]

CFR PANEL CLIP @ EACH PANEL SIDELAP (SEE CHART)

1/4"-14 X 2" HWH TYPE 3 W/O WASHER (3 PER CLIP) [1616PNC]

CUSTOM TRANSITION TRIM

MASONRY WALL TO HIGH EAVE COMMERCIAL & INDUSTRIAL

<table>
<thead>
<tr>
<th>T</th>
<th>PANEL CLIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>4102GNC</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>4125GNC</td>
</tr>
<tr>
<td>3&quot;</td>
<td>4103GNC</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4104GNC</td>
</tr>
<tr>
<td>5&quot;</td>
<td>4105GNC</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4106GNC</td>
</tr>
</tbody>
</table>

CUSTOM CLOSURE TRIM

FIELD CUT MASONRY, INSERT FLASHING, FILL VOID WITH SEALANT (NOT BY PANEL MANUFACTURER)

POURABLE CAULK (NOT BY PANEL MANUFACTURER)

MASONRY FASTENER (NOT BY PANEL MANUFACTURER)

CUSTOM CLOSURE TRIM

BACK-UP PLATE FACTORY INSTALLED @ EACH HIGH MESA, 4" O.C.

EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)

TRIPLE BEAD BUTYL TAPE 1 1/4" X 5/32" X 30' [74093WH]

CONTINUOUS NON-SKINNING BUTYL TUBE SEALANT W/MARRIAGE BEAD TO PANEL JOINT SEALANT [7100BWH]

1/4"-14 X 1-1/4" LL HWH TYPE 3 W/WASHER @ EACH BACK-UP PLATE 4" O.C. [1E]

SUPPORT (NOT BY PANEL MANUFACTURER)

DATE: Aug '19