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1/4"-14 X 1 1/4" LL HWH TYPE 3
W/1 1/8" WASHER
@ EACH BACKUP PLATE
[43L]

TRIPLE BEAD BUTYL TAPE
2 1/2" X 3/16" X 20'
[HW502]

CFR PANEL W/
NOTCHED & SWEDGED
EXTERIOR SKIN

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)

3" OVERLAP

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

CFR PANEL CLIP
@ EACH PANEL SIDE LAP
(SEE CHART)

TRIPLE BEAD BUTYL TAPE
2 1/2" X 3/16" X 20'
[HW502]

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

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

T
2"
2.5"
3"
4"
5"
6"

PANEL
CLIP
4102GNC
4125GNC
4103GNC
4104GNC
4105GNC
4106GNC

COMMERICAL &
INDUSTRIAL

ENDLAP
ATTACHMENT

Ci-CFR-EL-01-A
DATE: Aug '19
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**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]

**DOUBLE BEAD BUTYL TAPE**
1" x 1/4" x 20' [7405BWH]
EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)
EAVE TRIM (SEE CHART)

**STANDARD GUTTER**
(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]

**1/4" - 14 X 2" HWH TYPE 3 W/O WASHER (3 PER CLIP) [1616GNC]**
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" [46.33GNC]**
EAVE SUPPORT (NOT BY PANEL MANUFACTURER)

**LOW EAVE**

**COMMERCIAL & INDUSTRIAL**

**LOW EAVE**

**WITH STANDARD GUTTER**

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

**DATE:** JULY '22
**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]

**EXTERIOR RIDGE TRIM**
[F5829]

**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'

**CLIP SEALANT**
[7412BWH]

**CFR PANEL CLIP**
@ EACH PANEL SIDELAP
(SEE CHART)

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]

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

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**COMMERCIAL & INDUSTRIAL**

**RIDGE**

CI-CFR-RG-01-A

DATE: Aug '19
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" [4833GNC]

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)

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COMMERCIAL & INDUSTRIAL

TRANSITION STACK JOINT TO ROOF RAKE

CI-CFR-TR-02-A

DATE: Aug '19
COMMERCIAL & INDUSTRIAL

TRANSITION CONTINUOUS WALL TO ROOF RAKE

CI-CFR-TR-03-A
DATE: Aug '19

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### T | PANEL CLIP
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2" | 4102GNC
2.5" | 4125GNC
3" | 4103GNC
4" | 4104GNC
5" | 4105GNC
6" | 4106GNC

**Commercial & Industrial**

**Transition Wall to High Eave**

**CI-CFR-TR-04-A**

**DATE:** Aug '19

---

1/8" X 3/16" BLIND RIVET @ 12" O.C. [14]

**Transition Trim [F5301]**

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 [7412BWH]

**CFR Panel Clip**

@ EACH PANEL SIDELAP (SEE CHART)

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

**Butyl Tube Sealant**

1" X 5/32" X 30' [7403BWH]

**Back-Up Plate Factory Instilled @ Each High Mesa, 4" O.C.**

**Triple Bead Butyl Tape**

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

**Closure Trim**

**Expandable Foam Insulation**

NOT BY PANEL MANUFACTURER

**Continuous Non-Skimming Butyl Tube Sealant**

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

**Non-Skimming Butyl Tube Sealant**

[7100BWH]

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

**Support Required**

(Not by Panel Manufacturer)

**Support**

(Not by Panel Manufacturer)

---

2" | 4102GNC
2.5" | 4125GNC
3" | 4103GNC
4" | 4104GNC
5" | 4105GNC
6" | 4106GNC

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NON-SKINNING BUTYL TUBE SEALANT [7100BWH]
EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)
CUSTOM CLOSURE TRIM
ROOF/RAKE SUPPORT (NOT BY PANEL MANUFACTURER)
FIELD CUT AND TURN UP TOP PANEL SKIN
THRU FASTENER (SEE CHART)

COUNTER TRIM [F5723]
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]

POURABLE CAULK (NOT BY PANEL MANUFACTURER)
MASONRY FASTENER (NOT BY PANEL MANUFACTURER)
FIELD CUT MASONRY, INSERT FLASHING, FILL VOID WITH SEALANT (NOT BY PANEL MANUFACTURER)
CUSTOM CLOSURE TRIM
FIELD CUT AND TURN UP TOP PANEL SKIN
EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER)
NON-SKINNING BUTYL TUBE SEALANT [7100BWH]
ROOF/RAKE SUPPORT (NOT BY PANEL MANUFACTURER)
THRU FASTENER (SEE CHART)

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