SEALANT @ SIDE JOINTS
(SEE INSTALLATION GUIDE)

ROOF STITCH SCREW
\( \frac{3}{4}'' - 14 \times \frac{3}{8}'' @ 4'' O.C. \)

PERIMETER FLASHING SEALANT TAPE [7405] CONTINUOUS AND BETWEEN RIBS

GUTTER STRAP STD-[F246] AT EACH PANEL SEAM ATTACH WITH (3) ROOF STITCH SCREWS \( \frac{3}{4}'' - 14 \times 8'' \)

GUTTER (SEE CHART)

MINERAL FIBER FILLER INSULATION
(NOT BY METL-Span)

WALL STITCH SCREW
\( \frac{3}{4}'' - 14 \times \frac{3}{8}'' \)
\( @ 8'' O.C. \)

EAVE TRIM (SEE CHART)

SEE ROOF SECTION

3'' PANEL CUT-BACK

2''

1''

GUTTER CLIP

NON-SKINNING BUTYL SEALANT (VAPOR SEALANT)
\( \frac{3}{8}'' BEAD [7100] \)

SILICONE SEALANT (VAPOR SEALANT) \( \frac{3}{8}'' BEAD [71015WH] \)

\#14 THRU-PEAN PANEL SCREW WITH SEALING WASHER
(SEE FASTENING PATTERN DETAIL FOR SPACING)

PERIMETER FLASHING SEALANT TAPE [7405]

EAVE SUPPORT
(NOT BY METL-Span)

METL-Span THERMALSafe PANEL

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<th>STANDARD GUTTER</th>
<th>EAVE TRIM</th>
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<tr>
<td>2'', 2(\frac{3}{4}'' ), 3''</td>
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SEALANT @ SIDEJOINTS (SEE INSTALLATION GUIDE)

ROOF STITCH SCREW
\[\frac{1}{4}''-14 \times \frac{1}{6}'' @ 4'' O.C.\]

PERIMETER FLASHING SEALANT TAPE
[7405]

EAVE TRIM (SEE CHART)

MINERAL FIBER FILLER INSULATION (NOT BY METL-SPAN)

WALL STITCH SCREW
\[\frac{1}{4}''-14 \times \frac{1}{6}'' @ 8'' O.C.\]

PERIMETER FLASHING SEALANT TAPE
[7405]

METL-SPAN THERMALSEAFL PANEL

NON-SKINNING BUTYL SEALANT (VAPOR SEALANT)
\[\frac{7}{8}'' BEAD [7100]\]

SILICONE SEALANT (VAPOR SEALANT)
\[\frac{7}{8}'' BEAD [7101SWH]\]

#14 THRU-PANEL SCREW WITH SEALING WASHER (SEE FASTENING PATTERN DETAIL FOR SPACING)

EAVE SUPPORT (NOT BY METL-SPAN)

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COMMERICAL AND INDUSTRIAL

CFR ROOF - THERMALSEAFL WALL WITH EAVE TRIM

CFT02020
DATE: 02-07-2014
### WALL PANEL Tw | ROOF PANEL Tr | RAKE TRIM
--- | --- | ---
4" | 2", 2½", 3" | F3433
4" | 4", 5" | F3434
4" | 6" | F3435
5" | 2", 2½", 3" | F3433
5" | 4", 5" | F3434
5" | 6" | F3435
6" | 2", 2½", 3" | F3330
6" | 4", 5" | F3331
6" | 6" | F3332
7" | 2", 2½", 3" | F3555
7" | 4", 5" | F3556
7" | 6" | F3557
8" | 2", 2½", 3" | F3560
8" | 4", 5" | F3561
8" | 6" | F3562

### THROUGH PANEL FASTENER

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ECO-FICIENT™ FIRE RESISTANT PANEL

EXTERIOR SIDE (FACE 1)
1/8 x 3/16 POP RIVET [FASTENER #14]
@ 12" O.C.
BASE TRIM
#14 THRU-PANEL FASTENER W/ SEALING WASHER

INTERIOR SIDE (FACE 2)
INTERIOR PERIMETER SEALANT
OPTIONAL SEALANT LOCATION
MASSONY FASTENER
BASE ANGLE, 16 GA. MIN.
FINISH FLOOR

BASE FLASHING
SHEETING LEDGE
URETHANE SEALANT (CONTINUOUS)
MASSONY FASTENER

VERTICAL PANEL — BASE DETAIL
(THRU-PANEL FASTENED)

NOTES:
1. THIS DETAIL PROVIDES FOR THE BASE ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.
2. FIRE PROTECTION OF THE BASE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
VERTICAL PANEL – BASE DETAIL
(W/ BASE CHANNEL)

NOTES:
1. THIS DETAIL PROVIDES FOR THE BASE ASSEMBLY TO HAVE A WEATHER/VAPOR SEAL AT THE EXTERIOR SURFACE.
2. FIRE PROTECTION OF THE BASE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
VERTICAL PANEL — BASE DETAIL
(ISOLATED BASE ANGLES)

NOTES:
1. THIS DETAIL PROVIDES FOR ISOLATED BASE ANGLES WITHOUT A PROJECTION OF THE BASE ANGLE ON ONE SIDE.
2. FIRE PROTECTION OF THE BASE STRUCTURAL SUPPORT MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
3. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
VERTICAL PANEL – CORNER DETAIL
(SQUARE CUT PANELS)

NOTES:
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
NOTES:
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
MINERAL FIBER CORE

MALE EDGE OF PANEL

FEMALE EDGE OF PANEL

STEEL FACE

PANEL LENGTH

COVERAGE WIDTH 3'-6"

MINERAL FIBER CORE

FACE 1 (EXTERIOR SIDE)
LIGHT MESA PROFILE

FACE 2 (INTERIOR SIDE)
LIGHT MESA PROFILE

MALE EDGE

FEMALE EDGE

PANEL THICKNESS

11/16"

3/4"

COVERAGE WIDTH 3'-6" (42"

PANEL CROSS SECTION
NOTES:
1. FIRE PROTECTION OF THE EAVE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF SYSTEM'S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.
EAVE/RAKE FLASHING
(NOT BY MBCI UNLESS SPECIFIED)

MINERAL FIBER FILLER INSULATION
(NOT BY MBCI)

#14 THRU- PANEL FASTENER

EXTERIOR PERIMETER SEALANT

1/4-14 x 7/8 LAPTEK W/ WASHER
[FASTENER #4A] @ 8” O.C.

ECO-FICIENT FIRE RESISTANT PANEL

EXTERIOR SIDE (FACE 1)

ROOF PANEL CONNECTION & SEALANT (NOT BY MBCI UNLESS SPECIFIED)

CUT BACK INTERIOR FACE OF PANEL FOR THERMAL BREAK

INTERIOR PERIMETER SEALANT

EAVE/RAKE STRUCTURAL, 16 GA. MIN.
(NOT BY MBCI)

INTERIOR SIDE (FACE 2)

STEEL LINE

VERTICAL PANEL – EAVE/RAKE DETAIL

ROOF PANEL CONSTRUCTION

NOTES:
1. FIRE PROTECTION OF THE EAVE/RAKE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF SYSTEM’S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.
FASTENER PATTERN 1

FASTENER PATTERN 2

VERTICAL PANEL
THRU PANEL FASTENER PATTERNS
(© BASE, HEAD, & EAVE/RAKE STRUCTURAL SUPPORTS)

NOTE: FASTENER PATTERNS TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
VERTICAL PANEL
THRU PANEL FASTENER PATTERNS
(@ INTERMEDIATE STRUCTURAL SUPPORTS)

NOTE: FASTENER PATTERNS TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
NOTE:
FIRE PROTECTION OF THE INTERMEDIATE STRUCTURAL MATERIAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
VERTICAL PANEL
INTERMEDIATE SUPPORT DETAIL
(© THERMAL STRESS RELIEF)

NOTES:
1. THERMAL STRESS RELIEF CUT ON THE INTERIOR FACE MAY BE REQUIRED FOR SOME APPLICATIONS, SUBJECT TO THE PROJECT'S DESIGN AND OPERATING REQUIREMENTS.
2. FIRE PROTECTION OF THE INTERMEDIATE STRUCTURAL MATERIAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
NOTE: TO CONFORM TO THE REQUIREMENTS OF THE PANEL’S ASTM E-119 FIRE RESISTANCE RATING, THE JOINT SEALANTS ARE SPECIFIED AS A SILICONE SEALANT.
VERTICAL PANEL – HEAD DETAIL
(W/ ISOLATED HEAD ANGLES)

NOTES:
1. FIRE PROTECTION OF THE HEAD STRUCTURAL SUPPORTS MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF OR CEILING SYSTEM’S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.
VERTICAL PANEL – STACK JOINT DETAIL

NOTES:
1. FIRE PROTECTION OF THE STRUCTURAL SUPPORTS MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
WALL/ROOF INTERSECTION DETAIL

ECOFICIENT™ FIRE RESISTANT PANEL

ELASTOMERIC SEALANT [7203]

SEALANT TAPE [7300]

1/4-14 x 7/8 LONG-LIFE LAPTEK W/WASHER [FASTENER #4] @ 8” O.C.

TRANSITION TRIM

CANT (NOT BY MBCI)

ROOF, MEMBRANE, SEALANTS & FASTENERS ARE NOT BY MBCI

ROOF FIRE RATING REQUIREMENTS TO BE DETERMINED BY APPLICABLE BUILDING CODE
HORIZONTAL PANEL – BASE DETAIL
(W/ BASE CHANNEL)

NOTE: TO CONFORM TO THE REQUIREMENTS OF THE PANEL’S ASTM E-119 FIRE RESISTANCE RATING, THE JOINT SEALANTS ARE SPECIFIED AS A SILICONE SEALANT.
HORIZONTAL PANEL - BASE DETAIL
(THRU-PANEL FASTENED)

NOTES:
1. THIS DETAIL PROVIDES FOR THE BASE ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.
2. FIRE PROTECTION OF THE BASE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
HORIZONTAL PANEL – CORNER DETAIL
(SQUARE CUT PANELS)

NOTES:
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
NOTES:
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
HORIZONTAL PANEL – EAVE/RAKE DETAIL

NOTES:
1. FIRE PROTECTION OF THE EAVE/RAKE STRUCTURAL MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. REFERENCE THE ROOF SYSTEM’S ERECTION DRAWINGS FOR SPECIFIC CONSTRUCTION DETAILS.
FASTENER PATTERN 1

FASTENER PATTERN 2

HORIZONTAL PANEL
THRU PANEL FASTENER PATTERNS
(@ VERTICAL JOINT & CORNER STRUCTURAL)

NOTE: FASTENER PATTERNS TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
FASTENER PATTERN 1

FASTENER PATTERN 2

HORIZONTAL PANEL
THRU PANEL FASTENER PATTERNS
(@ INTERMEDIATE SUPPORTS)

NOTE: FASTENER PATTERNS TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
NOTE:
FIRE PROTECTION OF THE INTERMEDIATE STRUCTURAL MATERIAL MAY BE REQUIRED, SUBJECT TO THE PROJECT'S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
HORIZONTAL PANEL JOINT

NOTE: TO CONFORM TO THE REQUIREMENTS OF THE PANEL’S ASTM E-119 FIRE RESISTANCE RATING, THE JOINT SEALANTS ARE SPECIFIED AS A SILICONE SEALANT.
1/8 x 3/8 POP RIVET  
[FASTENER #14A]  
@ 24” O.C.  
INTERIOR SIDE (FACE 2)  

WALL FRAMING, 16 GA. MIN.  
INTERIOR JOINT TRIM  
INTERIOR PERIMETER SEALANT  

MINERAL FIBER FILLER INSULATION (NOT BY MBCI)  

COVER TRIM  
#14 THRU-PANEL FASTENER  

1/8 x 3/16 POP RIVET  
[FASTENER #14]  
@ 8” O.C.  
EXTERIOR SIDE (FACE 1)  
EXTERIOR PERIMETER SEALANT  

ECO-FICIENT™ FIRE RESISTANT PANEL  

HORIZONTAL PANEL — VERTICAL JOINT DETAIL

NOTES:
1. FIRE PROTECTION OF THE STRUCTURAL SUPPORTS MAY BE REQUIRED, SUBJECT TO THE PROJECT’S BUILDING CODE REQUIREMENTS. FIRE PROTECTION OF THE STRUCTURAL MEMBERS IS NOT BY MBCI.
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E119 FIRE RESISTANT RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
Notes: 1. Fire protection of the eave structural may be required, subject to the project's building code requirements. Fire protection of the structural members is not by Metl-Span.
2. *Fastener type is subject to the eave structural material and the panel thickness.
3. To conform to the requirements of the ASTM E119 fire resistance rating, the filler insulation must have an approved classification marking for surface burning characteristics or fire resistance.
4. Reference the roof system's erection drawings for specific construction details.
Notes:  
1. Fire protection of the rake and eave structural may be required, subject to the project’s building code requirements. Fire protection of the structural members is not by Metl-Span.  
2. *Fastener type is subject to the eave or rake structural material and the panel thickness.  
3. To conform to the requirements of the ASTM E119 fire resistance rating, the filler insulation must have an approved classification marking for surface burning characteristics or fire resistance.  
4. Reference the roof system’s erection drawings for specific construction details.
**BASE TRIM**

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**NOTES:**

1. FIRE PROTECTION OF THE STRUCTURAL MEMBERS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
2. *FASTENER TYPE IS SUBJECT TO BASE STRUCTURAL MATERIAL AND THE PANEL THICKNESS.
3. THIS DETAIL PROVIDES FOR THE WALL ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.
NOTES:

1. FIRE PROTECTION OF THE STRUCTURAL MEMBERS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".

2. * FASTENER TYPE IS SUBJECT TO BASE STRUCTURAL MATERIAL AND THE PANEL THICKNESS.

3. THIS DETAIL PROVIDES FOR THE WALL ASSEMBLY TO BE SELF DRAINING TO THE EXTERIOR.

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COMMERCIAL AND INDUSTRIAL

HORIZONTAL THERMSAFE PANEL

BASE DETAIL

TSW01101
DATE: 02-07-2014
1. FIRE PROTECTION OF THE STRUCTURAL SUPPORTS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".

2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E-119 FIRE RESISTANCE RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.

3. *FASTENER TYPE IS SUBJECT TO THE CORNER STRUCTURAL MATERIAL AND THE PANEL THICKNESS.
NOTES:

1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".

2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E-119 FIRE RESISTANCE RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.

3. * FASTENER TYPE IS SUBJECT TO THE CORNER STRUCTURAL MATERIAL AND THE PANEL THICKNESS.

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COMMERCIAL AND INDUSTRIAL

INSIDE CORNER
VERTICAL THERMALSAFE PANEL

TSW02005
DATE: 02-07-2014
NOTES: 1. FACE OPTIONS = 26 OR 24 GAGE G-90 GALVANIZED STEEL, EMBOSSED OR SMOOTH WITH PAINTED FINISH.
VERTICAL PANEL — THROUGH PANEL FASTENER PATTERNS TSFP1

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
VERTICAL PANEL – FASTENER PATTERNS TSFP3

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
NOTES: 1. THERMAL STRESS CUT ON THE INTERIOR FACE MAY BE REQUIRED FOR SOME APPLICATIONS, SUBJECT TO THE PROJECT’S DESIGN AND OPERATING REQUIREMENTS.
2. * FASTENER TYPE IS SUBJECT TO THE INTERMEDIATE STRUCTURAL MATERIAL AND THE PANEL THICKNESS.
3. FIRE PROTECTION OF THE STRUCTURAL MEMBERS MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY METL-SPAN.
NOTES:

1. If joint sealants are required, they are specified as a silicone sealant in order to conform to the panel's ASTM E-119 fire resistance rating. Sealant is required in both joints if the panel is exterior and exposed to wind and driven rain.

2. If panel is used as an interior partition, no sealant is needed unless a vapor barrier is required. If vapor barrier is required, the sealant should be applied on the warmer side of the panel.
NOTES:
1. FIRE PROTECTION OF THE CORNER STRUCTURAL MAY BE REQUIRED PER THE BUILDING CODE AND IS NOT BY "METL-SPAN".
2. TO CONFORM TO THE REQUIREMENTS OF THE ASTM E-119 FIRE RESISTANCE RATING, THE FILLER INSULATION MUST HAVE AN APPROVED CLASSIFICATION MARKING FOR SURFACE BURNING CHARACTERISTICS OR FIRE RESISTANCE.
3. * FASTENER TYPE IS SUBJECT TO THE SUPPORT STRUCTURAL MATERIAL AND THE PANEL THICKNESS.

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FASTENER PATTERN 1

FASTENER PATTERN 2

HORIZONTAL PANEL – THRU PANEL FASTENER PATTERNS
(© VERTICAL JOINT AND CORNER STRUCTURAL)

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.

COMMERCIAL AND INDUSTRIAL

COMMERCIAL AND INDUSTRIAL

TSW03110
DATE: 03-05-2014
FASTENER PATTERN 1

FASTENER PATTERN 2

HORIZONTAL PANEL – THRU PANEL FASTENER PATTERNS
(@ INTERMEDIATE SUPPORT STRUCTURALS)

NOTE: FASTENER PATTERN TO BE DETERMINED PER SPECIFIC PROJECT DESIGN REQUIREMENTS.
NOTES:

1. IF JOINT SEALANTS ARE REQUIRED, THEY ARE SPECIFIED AS A SILICONE SEALANT IN ORDER TO CONFORM TO THE PANEL’S ASTM E-119 FIRE RESISTANCE RATING. SEALANT IS REQUIRED IN BOTH JOINTS IF THE PANEL IS EXTERIOR AND EXPOSED TO WIND AND DRIVEN RAIN.

2. IF PANEL IS USED AS AN INTERIOR PARTITION, NO SEALANT IS NEEDED UNLESS A VAPOR BARRIER IS REQUIRED. IF VAPOR BARRIER IS REQUIRED, THE SEALANT SHOULD BE APPLIED ON THE WARMER SIDE OF THE PANEL.