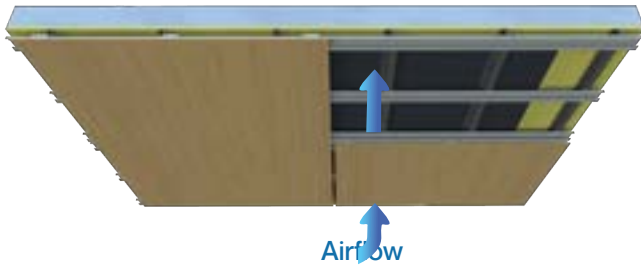


PRODUCT OVERVIEW



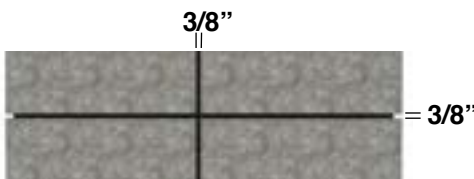
MEG / MEG QSP Panels are solid phenolic core panels for use as open joint exterior cladding in a ventilated facade system.

Ventilated Facade

A ventilated façade requires unobstructed continuous air flow for proper performance. The sub-framing used to create the air flow cavity must be installed in a vertical direction. Installation **should not** allow for standing water to accumulate anywhere on the panel surface. If conditions require battens, weep holes are required.

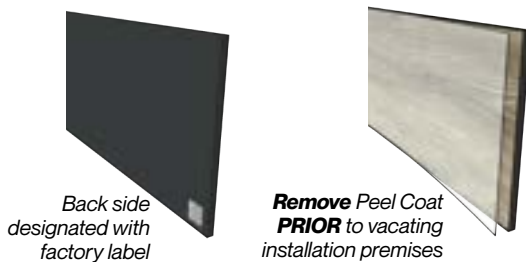
INSTALLATION BEST PRACTICES

Panel-to-Panel Joints



Minimum distance of 3/8" between panels to accommodate hygrothermal movement.

Single-sided Panels



Panels are NOT identical on both sides. The front side faces outward (away from the building) and has the removable peel coat. **Installers are responsible for making sure that the (front) side is visible and removing the peel coat AFTER installation.**

Panel Repairs

There is no approved method to repair panels. Damaged panels must be replaced. Contact ABET Inside Sales for additional information 800.228.2238.

Field Drilling Required Equipment

Provided by Installer



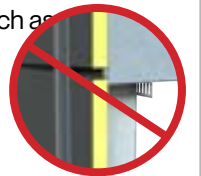
Drill Bit Depth Locator example



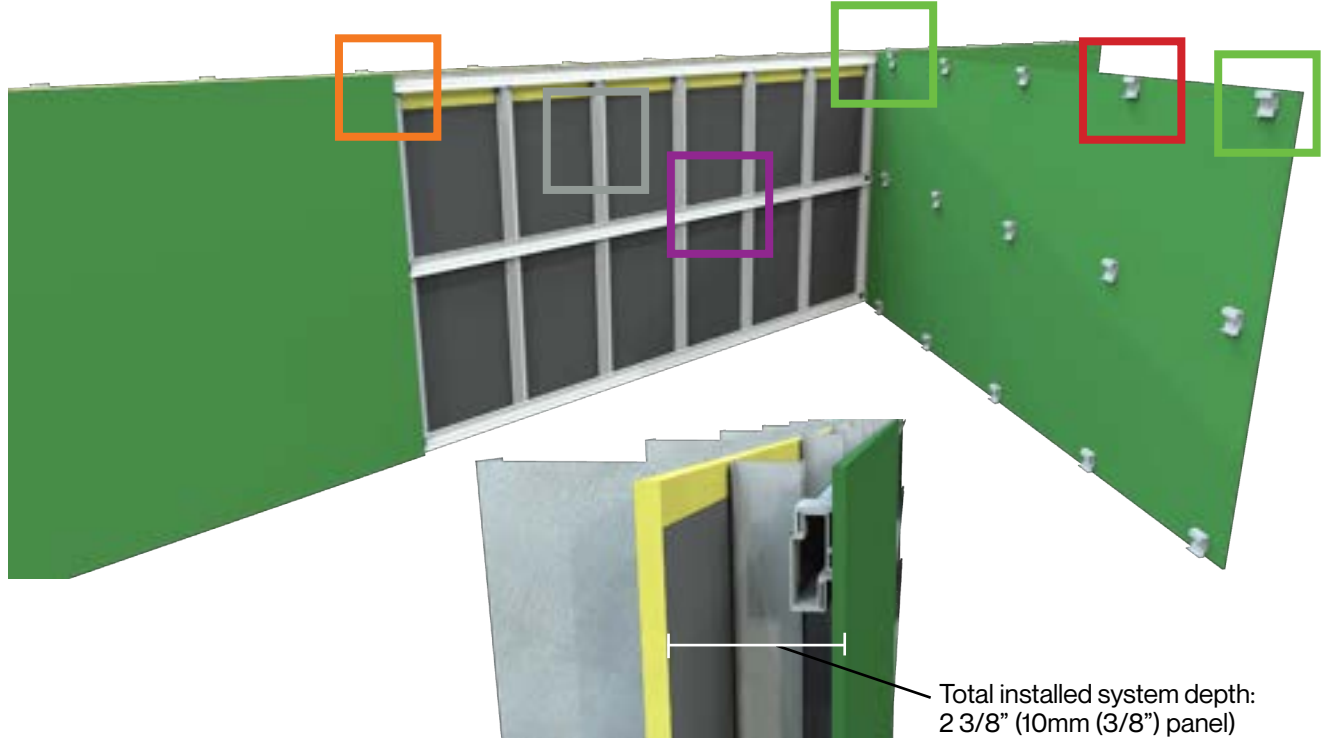
Available from SFS Intec USA, www.sfsintecusa.com.

EXPANSION JOINT REQUIREMENTS

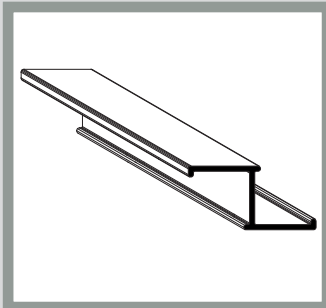
MEG / MEG QSP Architectural Panels are designed to be installed on a continuous substructure. Panels are not to be installed such that they span areas where there is a discontinuity in the substructure, such as a vertical or horizontal expansion joint. It is the responsibility of the project designer to ensure that panels do not span these substructure discontinuities.



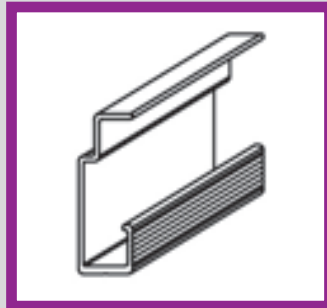
PARTS PLACEMENT OVERVIEW



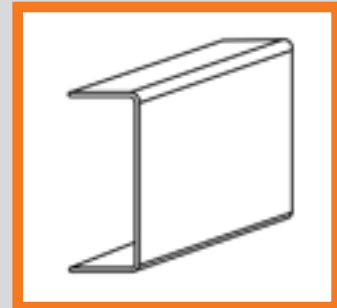
PARTS OVERVIEW



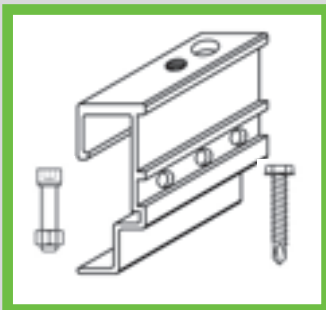
XZB
Vertical Z Channel



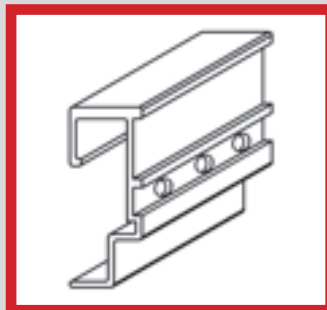
CFRM
Horizontal Rail



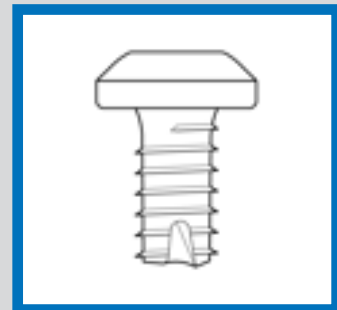
CFB01
Black Rail Cover



CFCAC
Panel Adjustable Clip
Includes set screw and adjustment bolt.



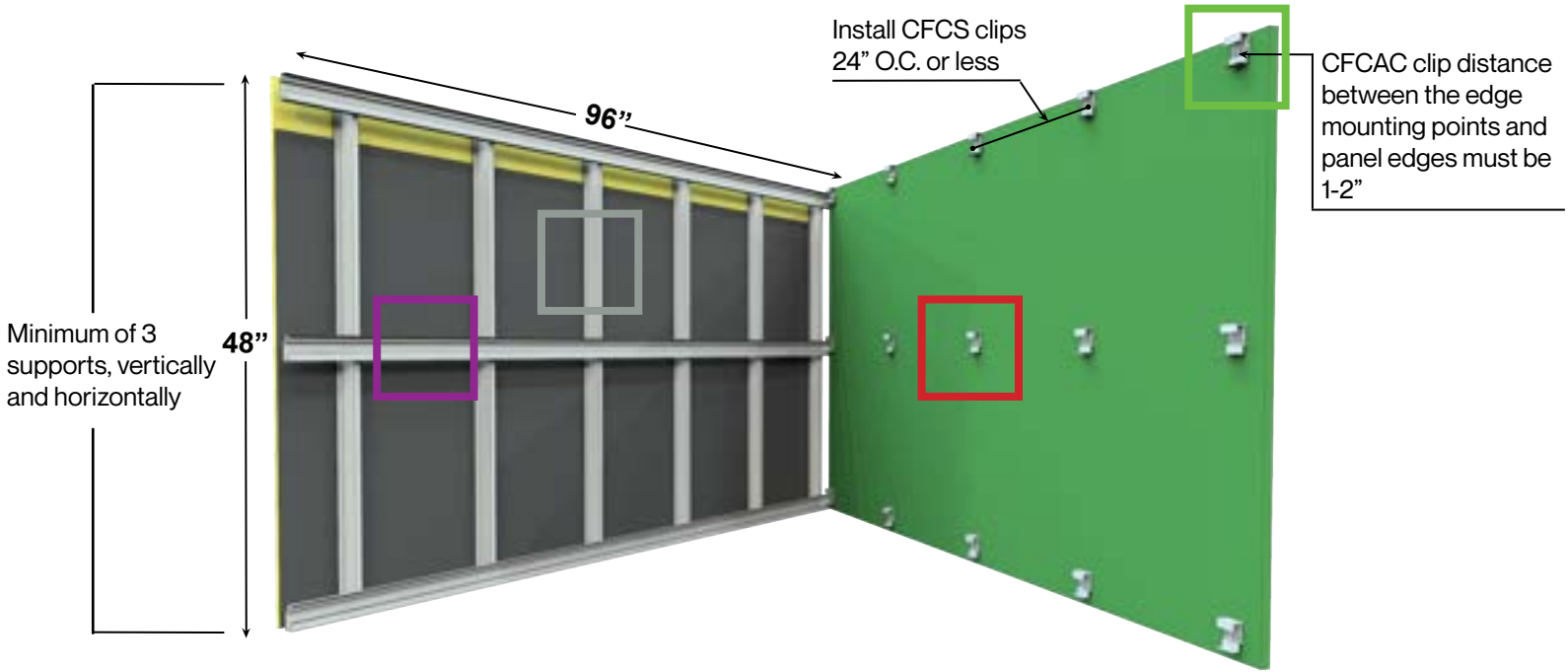
CFCS
Panel Clip



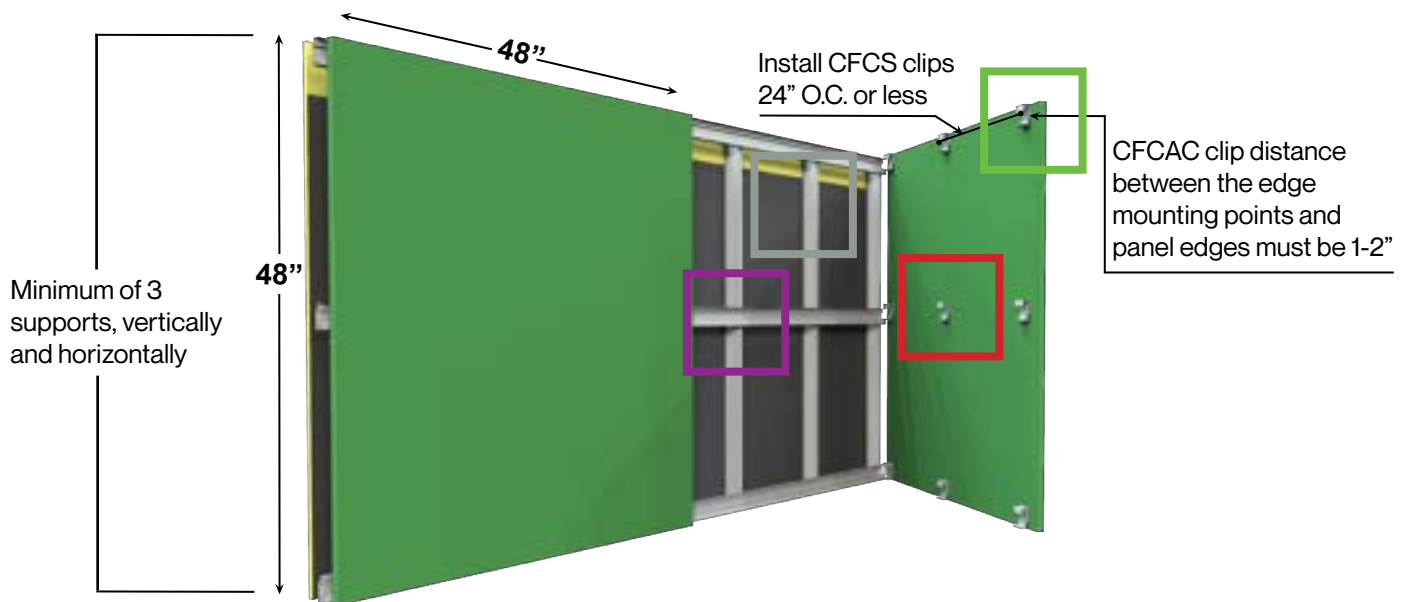
CFF5
Panel Clip Fastener

CLIP PLACEMENT COMMON PANEL SIZES

Panel Size: 48" x 96"

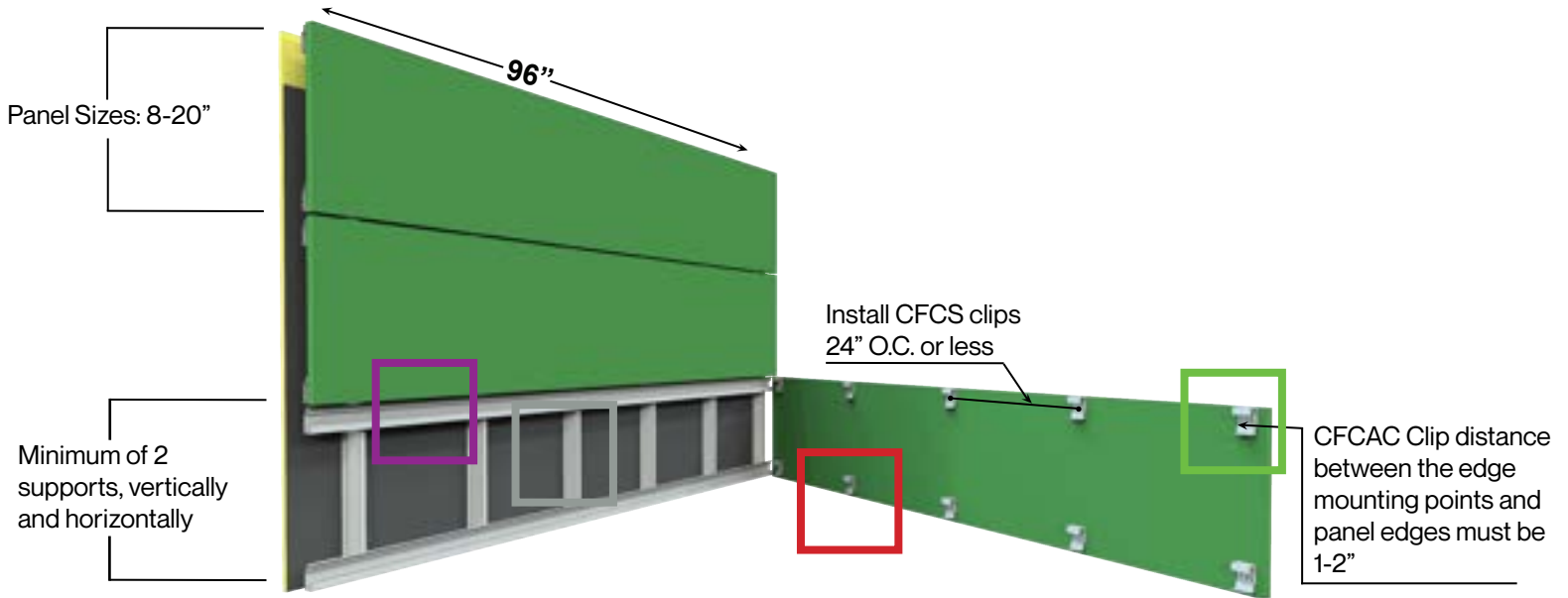


Panel Size: 48" x 48"

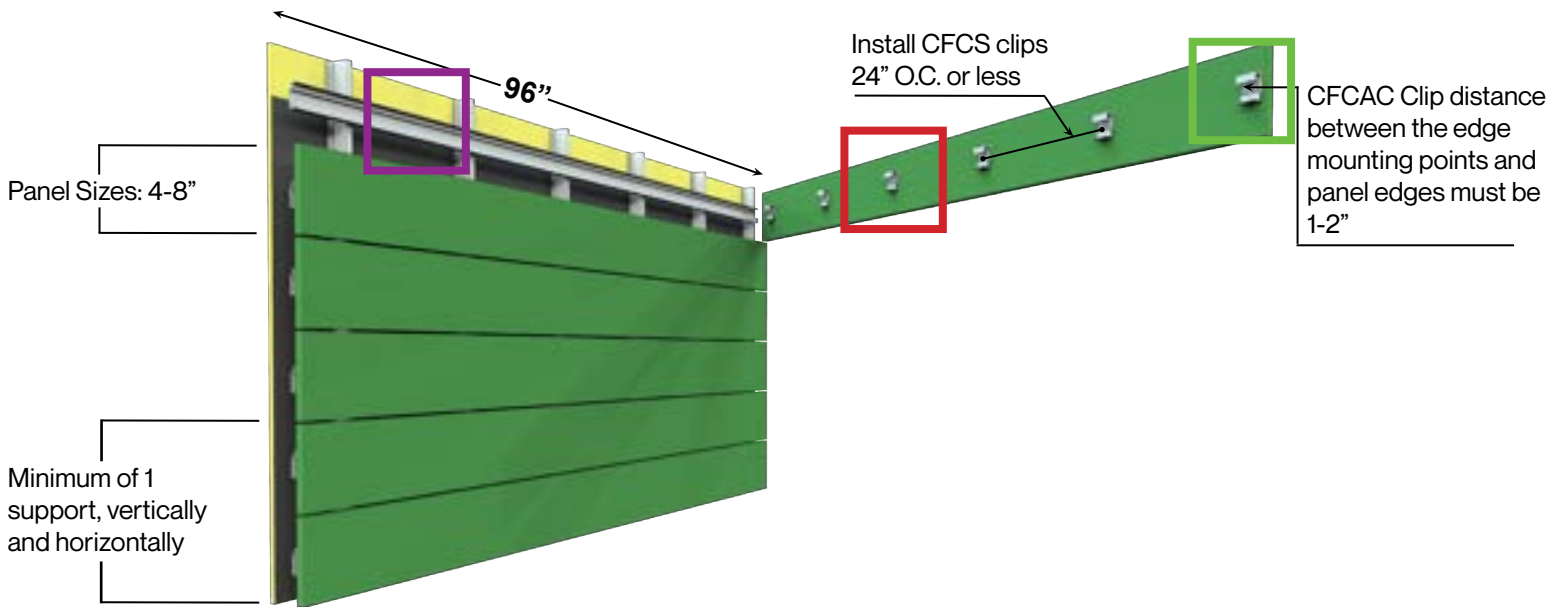


CLIP PLACEMENT COMMON PANEL SIZES CON'T

Panel Size: 8 - 20" x 96"

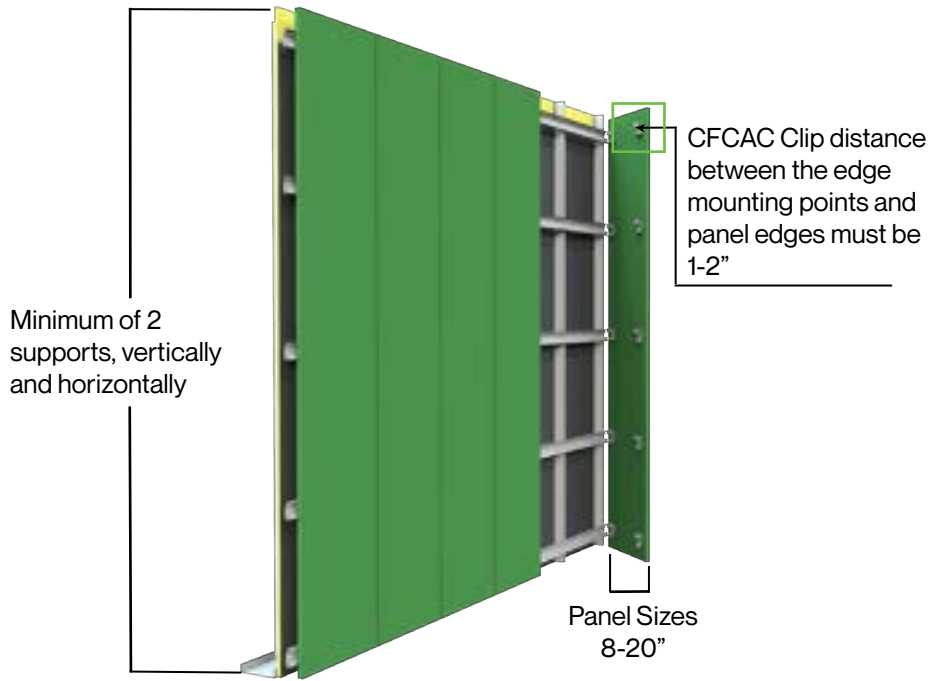


Panel Size: 4 - 8" x 96"

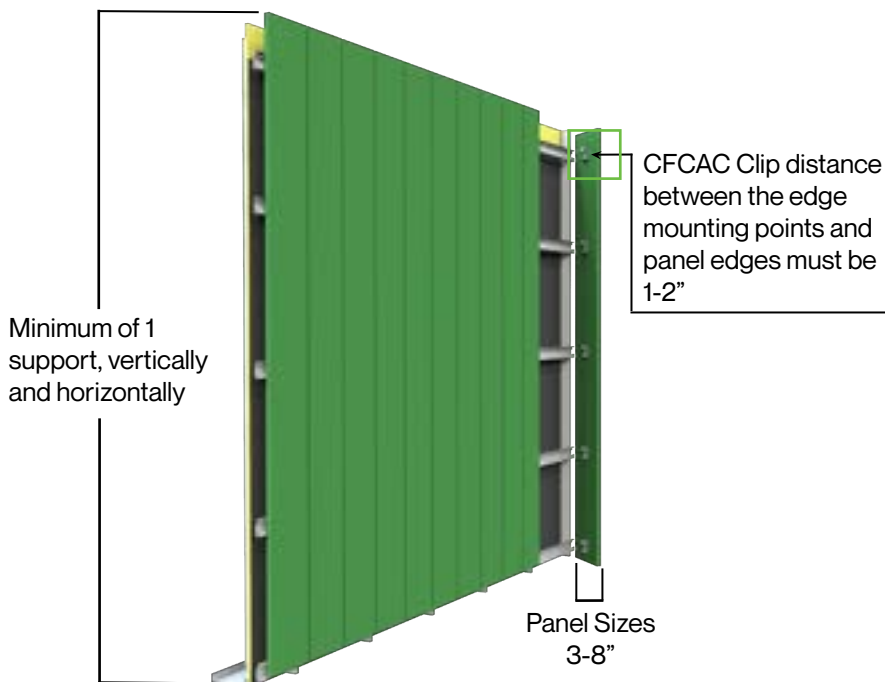


CLIP PLACEMENT COMMON PANEL SIZES CON'T

Panel Size 8 - 20" Vertical Orientation

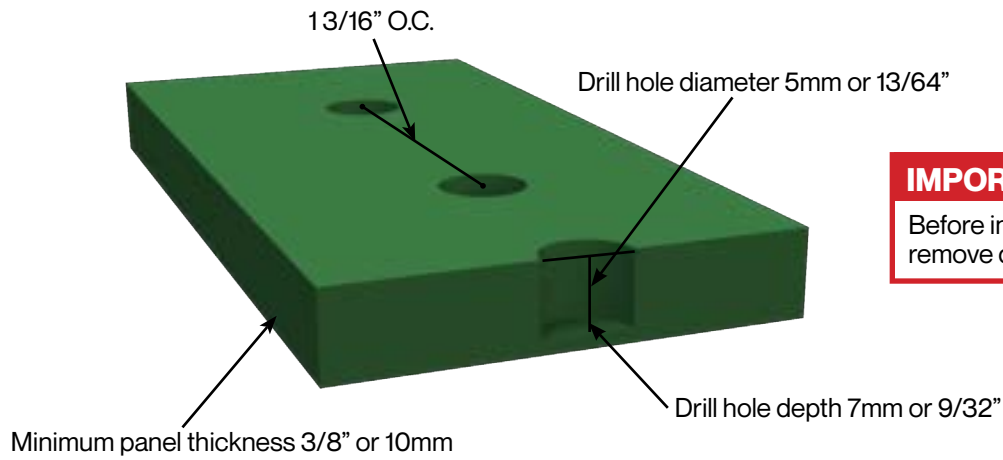


Panel Size 3 - 8" Vertical Orientation



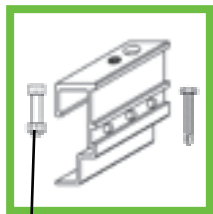
STEP 1: PREP STAGE

Field Drilling

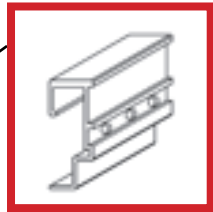


IMPORTANT NOTE
Before installation, inspect and remove debris from pre-drilled holes.

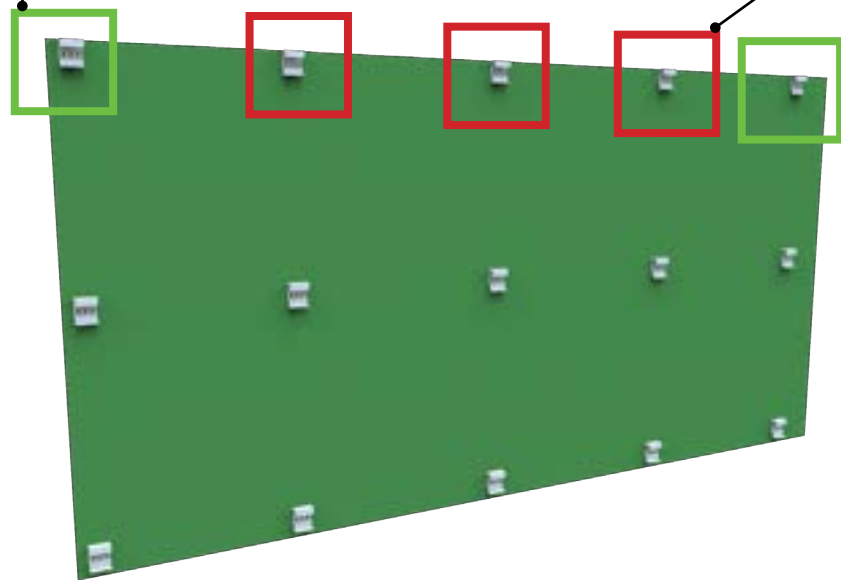
Required Clip Installation Sequence



1. Install CFCAC on the outside corners of the panel and secure with 2ea CFF5 into the pre-drilled 5mm pilot holes
2. Hang panel on rail and use the leveling screw on **each** corner to level the panel
3. Ensure panel is level
4. After leveling, use set screw to secure **one** of the CFCAC clips to the rail, acting as a fixed point
5. **Tighten to min. 23 - max. 27lb-in torque**

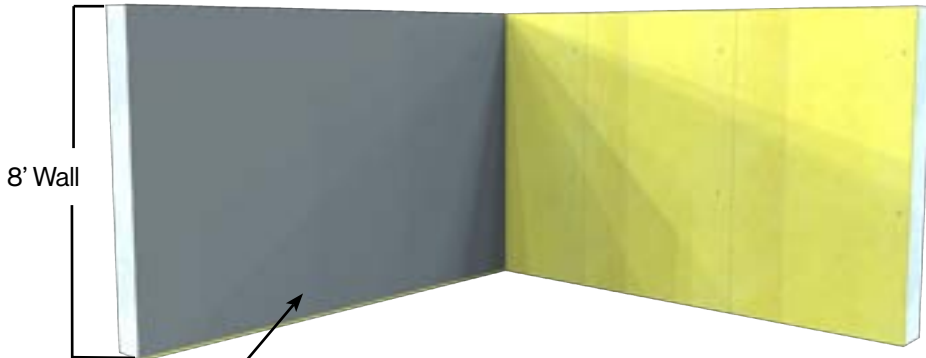


All remaining clips are CFCs. Secure clips with 2ea. CFF5.

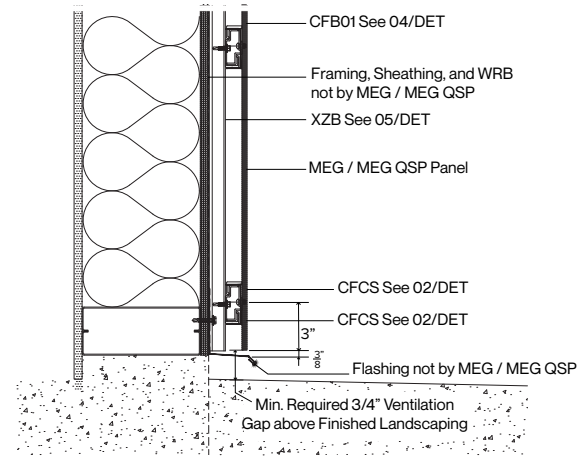


IMPORTANT NOTE
Install one (1) set screw per panel to create a fixed point and accommodate hygrothermal panel movement. Do NOT install two (2) set screws, this can lead to damaged panels.

STEP 2: WRB INSTALLATION

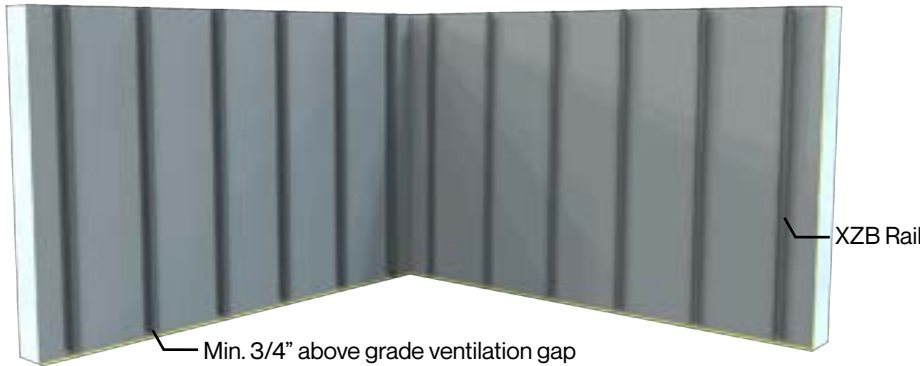


2a: Install black, UV resistant water resistive barrier (WRB)



Wall Base Detail

STEP 3: VERTICAL RAIL XZB PLACEMENT



3a. Install vertical XZB rails a maximum of 24" on center

STEP 4: HORIZONTAL RAIL CFRM INSTALLATION



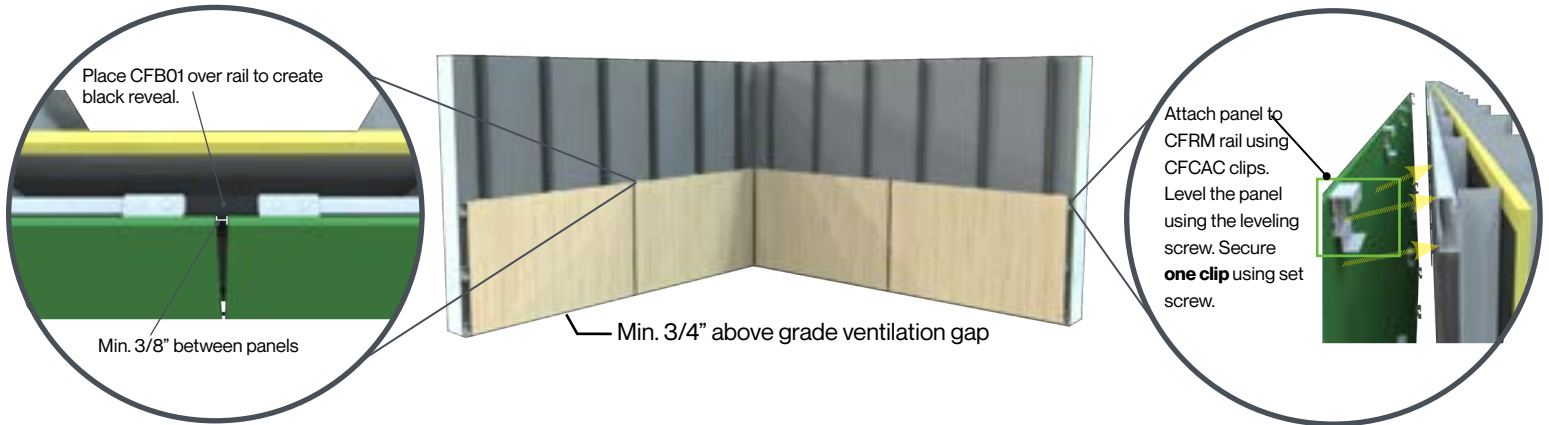
4a. Install FIRST set of CFRM rails according to clip locations on the back of the MEG / MEG QSP panels

IMPORTANT NOTE

Horizontal guide rails must be installed with a maximum coplanar deviation of 1/4" per 20'. Note: The actual number of fastening points and distance between supports must be verified by a building professional for wind loads as per local building code.



STEP 5: BOTTOM PANEL INSTALLATION



- 5a. Hang panel with installed clips on CFRM rail
- 5b. Place CFB01 over CFRM rail between panels to create a black reveal between the open joint gaps
Note: install a black WRB/Air Barrier if total back reveal is required
- 5c. Level each panel using the leveling screws on the CFCAC clips
- 5d. After leveling, use **set screw** to secure **one** of the CFCAC clips to the rail, acting as a fixed point
- 5e. **Tighten to min. 23 - max. 27lb-in torque**

STEP 6: ADDITIONAL CFRM RAIL INSTALLATION



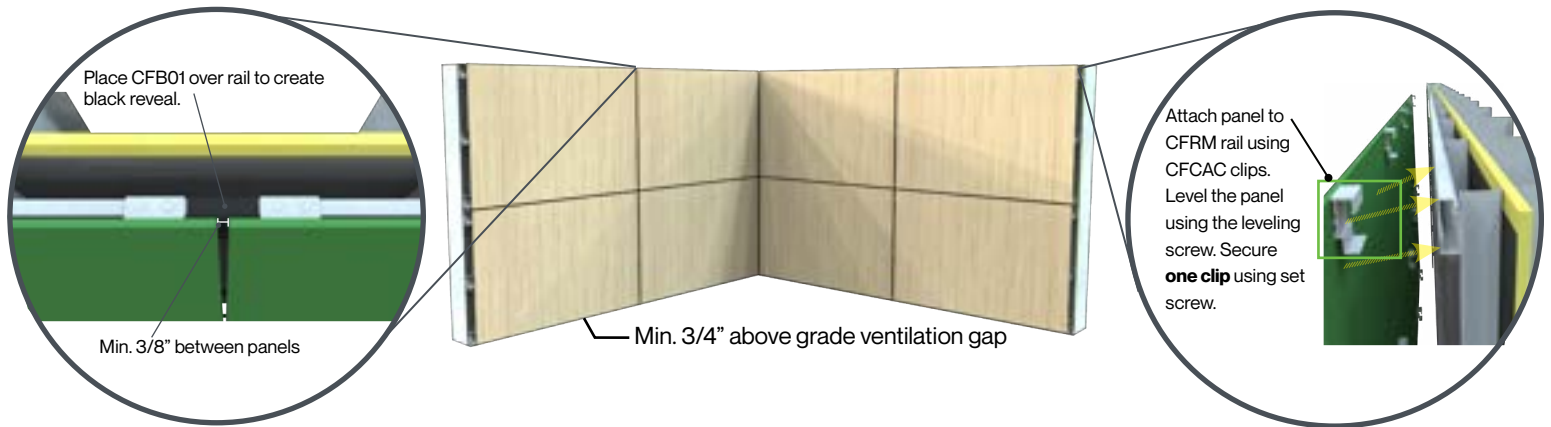
- 6a. Install the next set of CFRM rails according to the clip locations on the back of the MEG / MEG QSP panels

IMPORTANT NOTE

Horizontal guide rails must be installed with a maximum coplanar deviation of 1/4" per 20'. Note: The actual number of fastening points and distance between supports must be verified by a building professional for wind loads as per local building code.

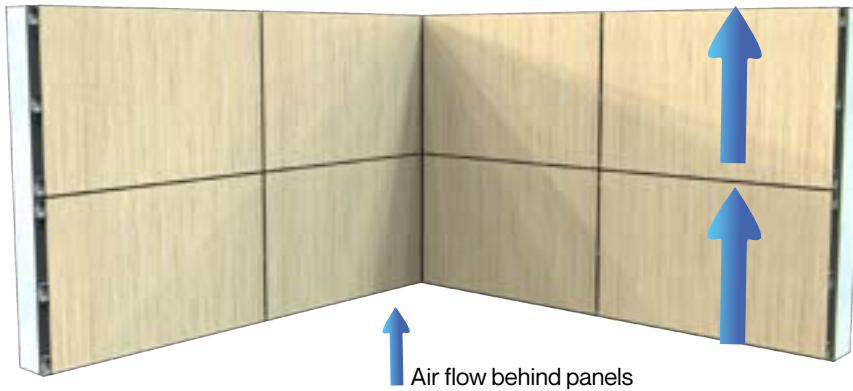


STEP 7: PANEL INSTALLATION



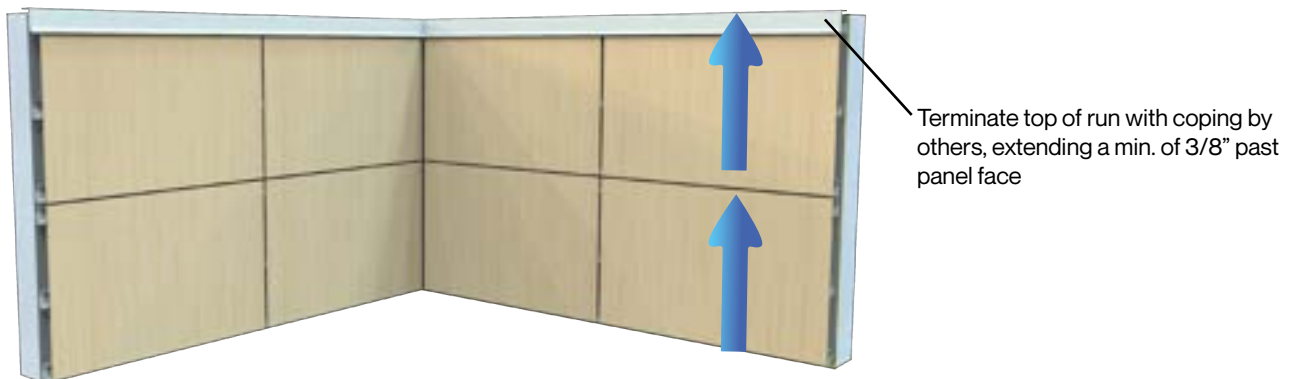
- 7a. Hang panel with installed clips on CFRM rail
- 7b. Place CFB01 over CFRM rail between panels to create a black reveal between the open joint gaps
Note: install a black WRB/Air Barrier if total back reveal is required
- 7c. Level each panel using the leveling screws on the CFCAC clips
- 7d. After leveling, use **set screw** to secure **one** of the CFCAC clips to the rail, acting as a fixed point
- 7e. **Tighten to min. 23 - max. 27lb-in torque**

STEP 8: FINISHED WALL



- 8a. The finished wall should have unobstructed continuous air flow for proper performance
- 8b. Installation should not allow for standing water to accumulate anywhere on the panel

STEP 9: COMPLETED WALL



- 9a. Where required, terminate the top of runs with coping or flashing by others, extending a minimum of 3/8" past the panel face

For window and penetration details, visit na.abetlaminati.com