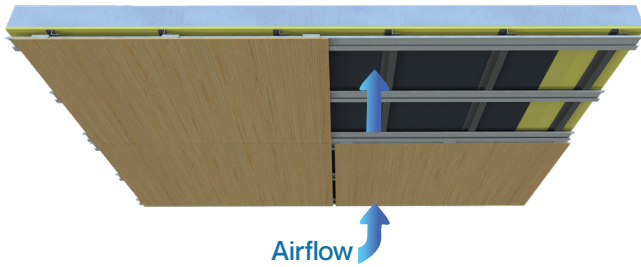


### PRODUCT OVERVIEW



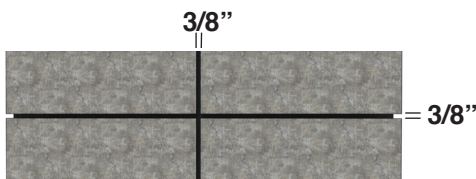
MEG QSP Panels are solid phenolic core panels for use as open joint exterior cladding in a ventilated facade system.

### 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 MEG QSP Customer Service for additional information, 262-567-4427.

### Field Drilling Required Equipment

Provided by Installer



Drill Bit Depth Locator example



Available from SFS Intec USA, [www.sfsintecusa.com](http://www.sfsintecusa.com).

### EXPANSION JOINT REQUIREMENTS

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 vertical or horizontal expansion joints. It is the responsibility of the project designer to ensure that panels do not span these substructure discontinuities.

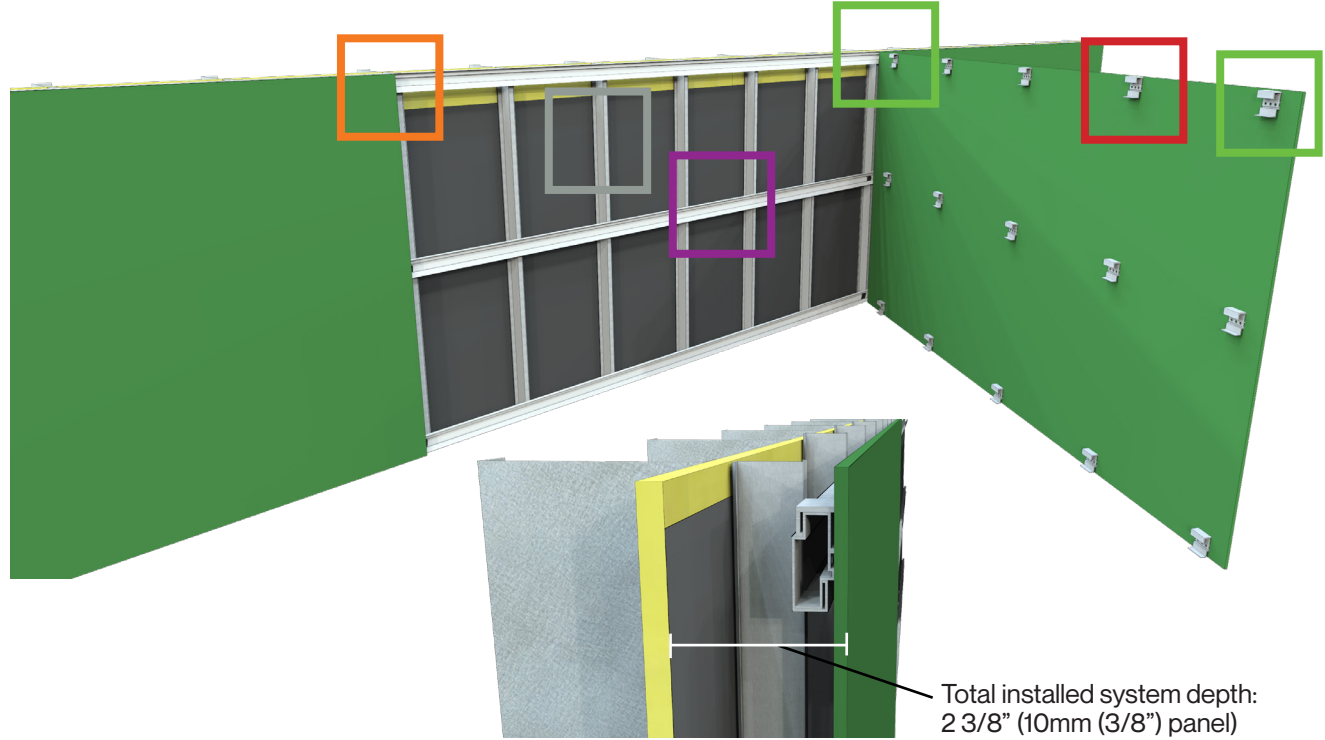


### Scan to Review Technical Documents Online:

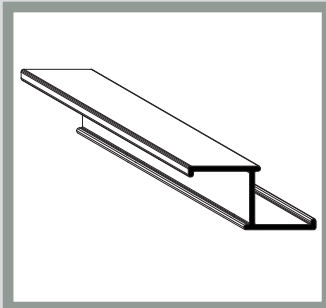
- Handling and Storage
- Installation Equipment
- Required Cutting Procedures
- Cleaning and Maintenance



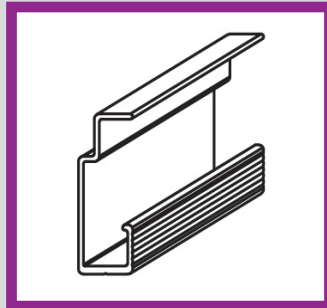
## PARTS PLACEMENT OVERVIEW



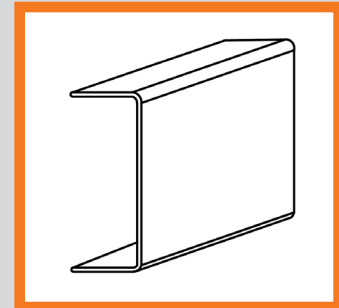
## PARTS OVERVIEW



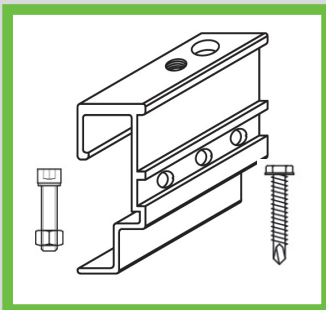
**XZB**  
Vertical Z Channel



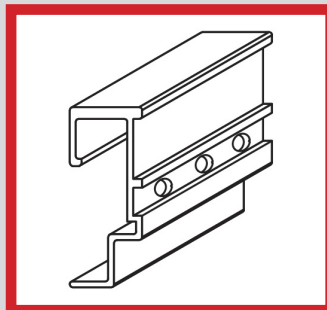
**CFRM**  
Horizontal Rail



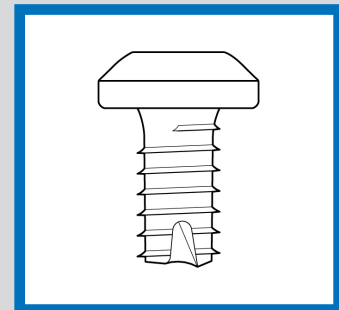
**CFB01**  
Black Rail Cover



**CFCAC**  
Panel Adjustable Clip  
*Includes set screw and  
adjustment bolt.*



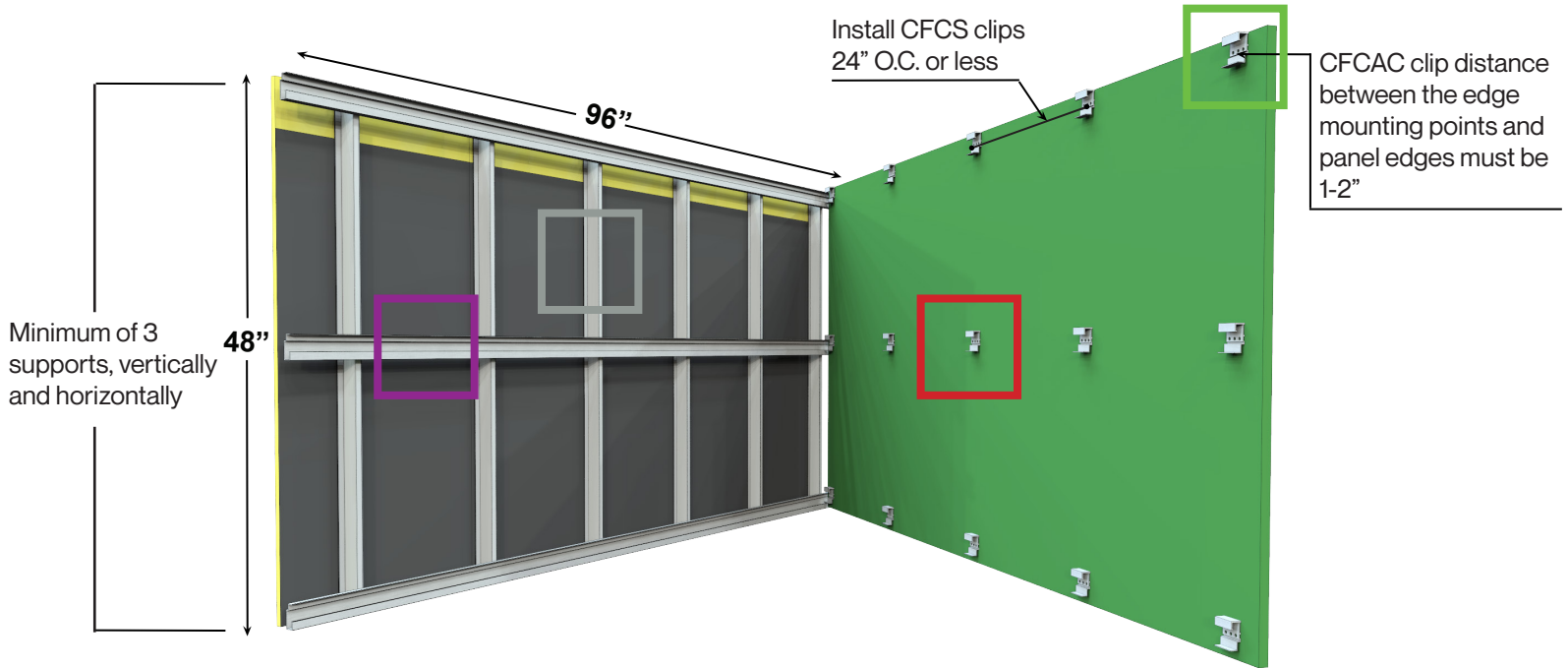
**CFCS**  
Panel Clip



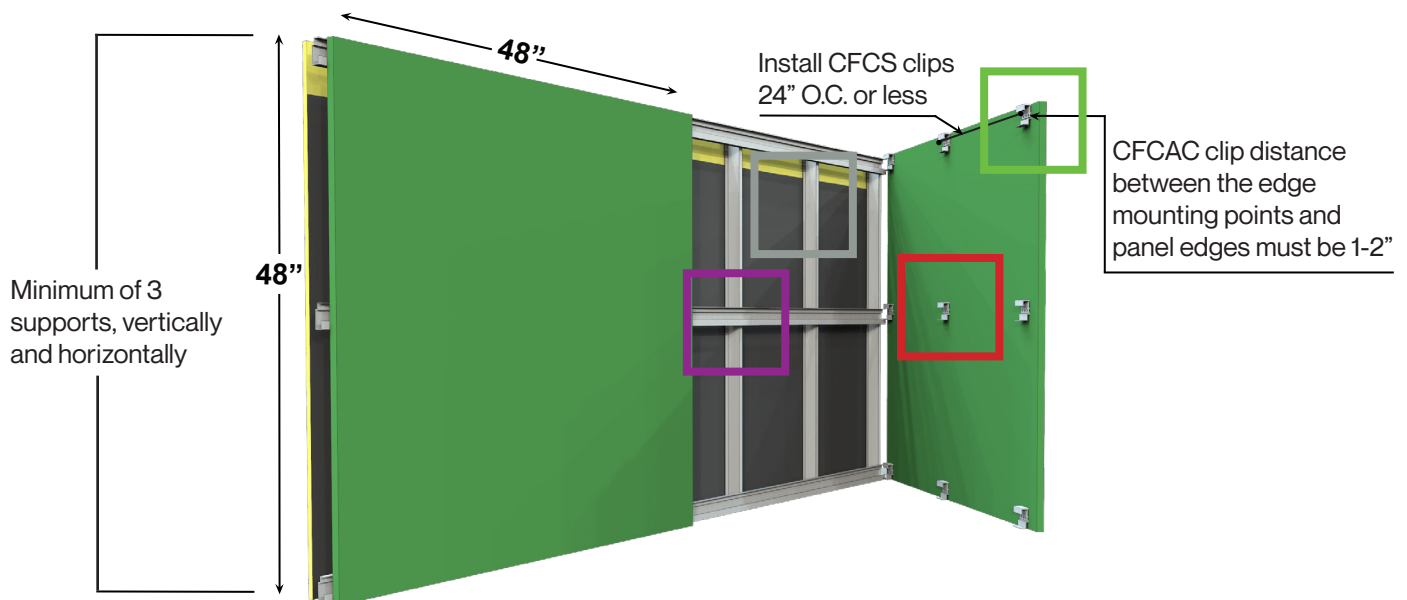
**CFF5**  
Panel Clip Fastener

## CLIP PLACEMENT COMMON PANEL SIZES

Panel Size: 48" x 96"

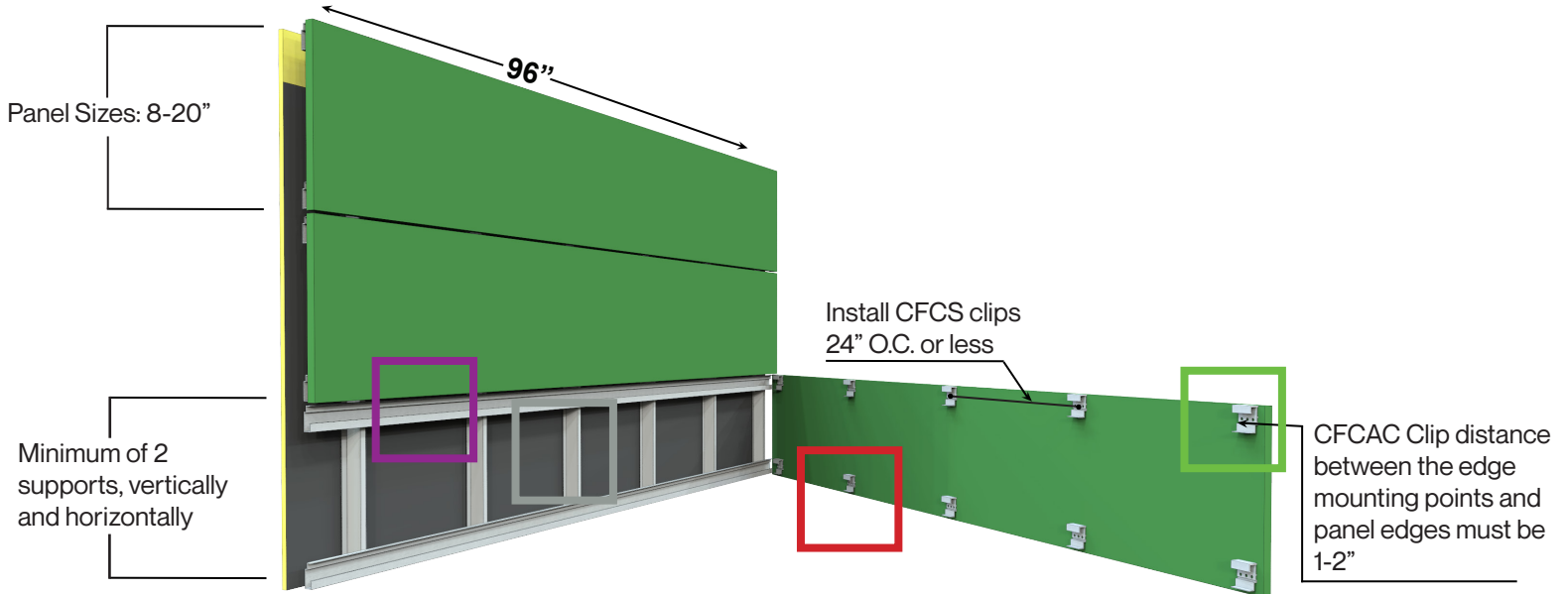


Panel Size: 48" x 48"

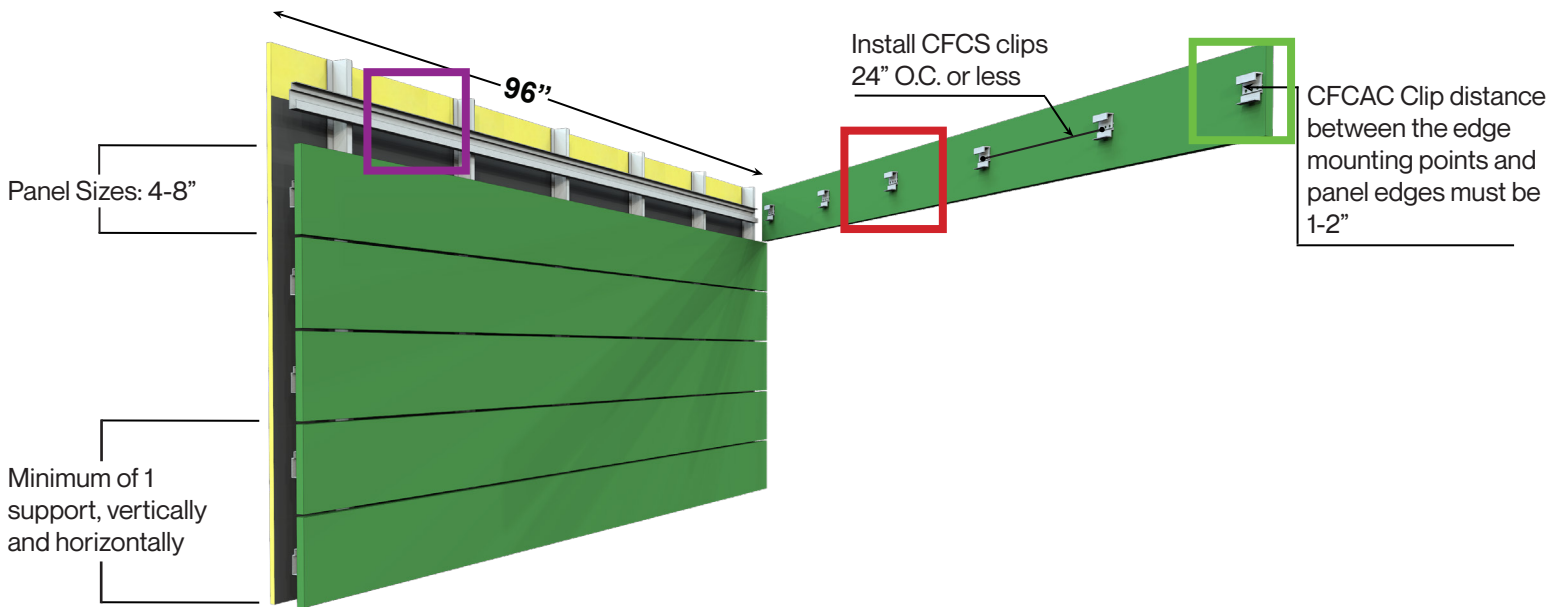


## CLIP PLACEMENT COMMON PANEL SIZES CON'T

Panel Size: 8 - 20" x 96"

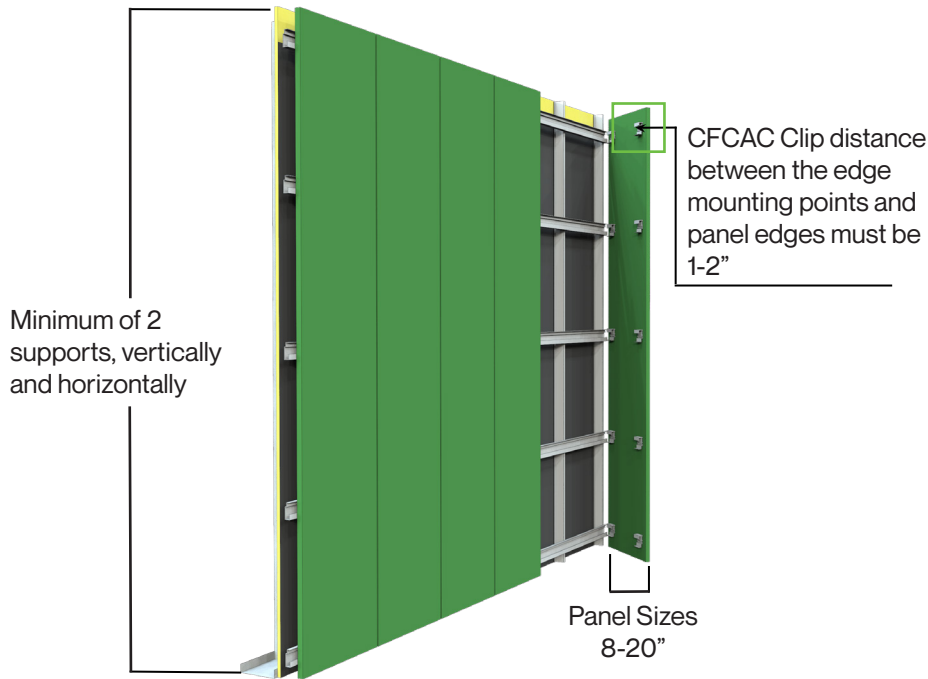


Panel Size: 4 - 8" x 96"

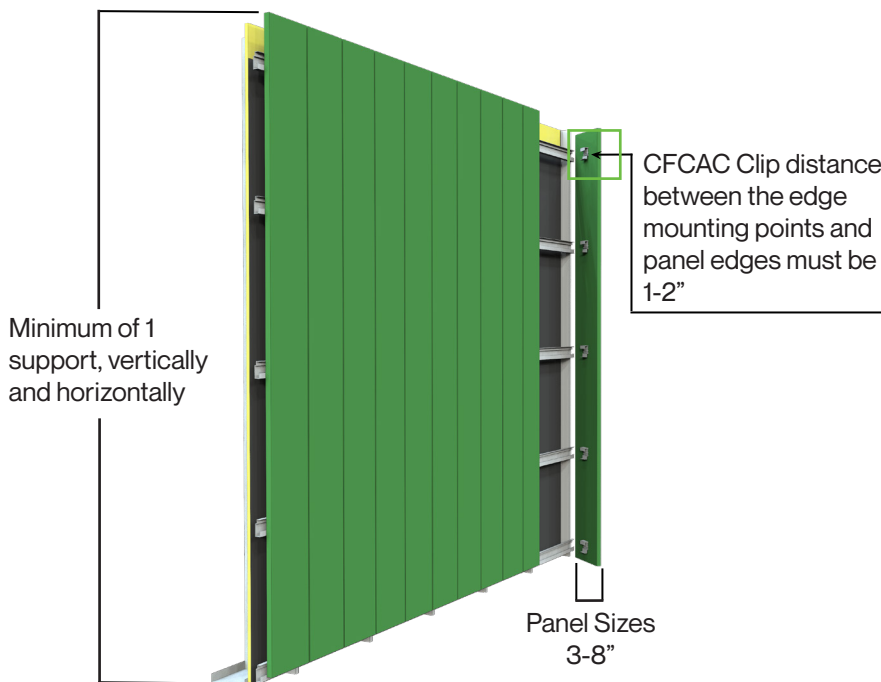


## CLIP PLACEMENT COMMON PANEL SIZES CON'T

### Panel Size 8 - 20" Vertical Orientation

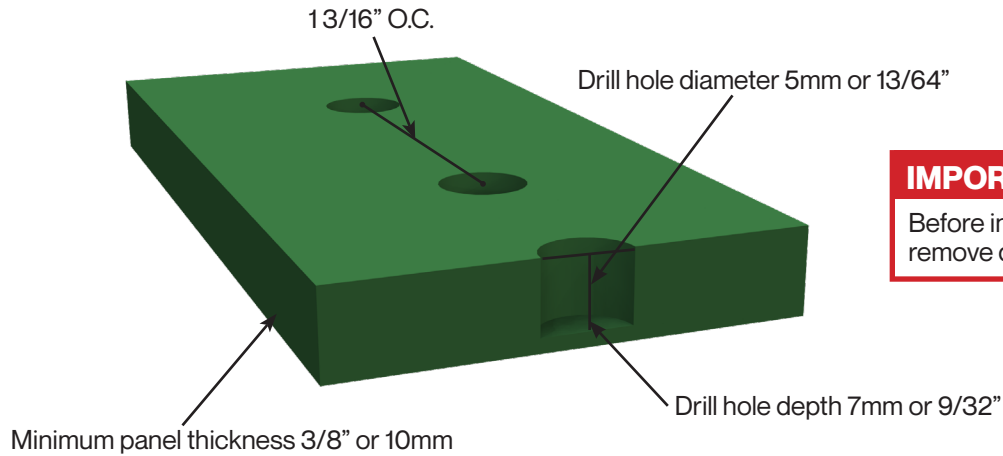


### Panel Size 3 - 8" Vertical Orientation



## STEP 1: PREP STAGE

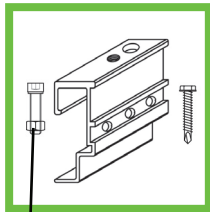
### Field Drilling



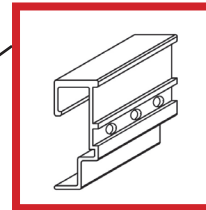
#### IMPORTANT NOTE

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

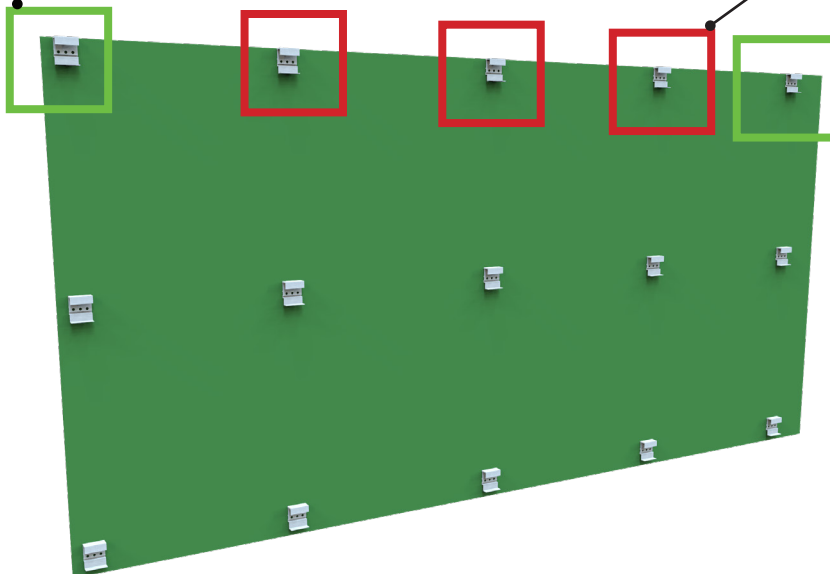
### Required Clip Installation Sequence



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.



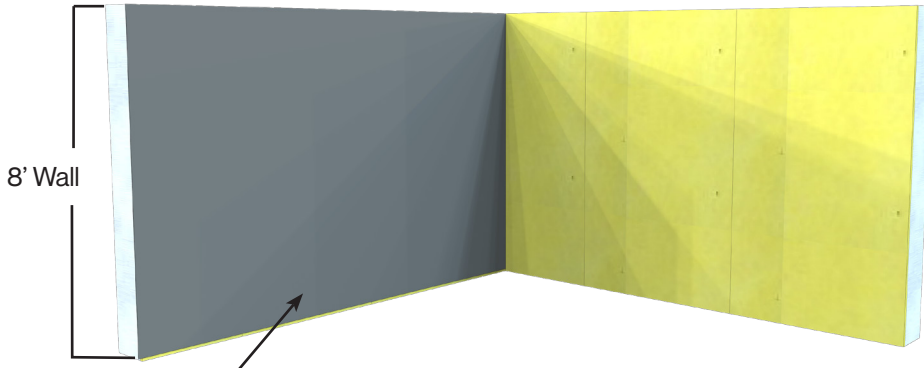
#### IMPORTANT NOTE

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.

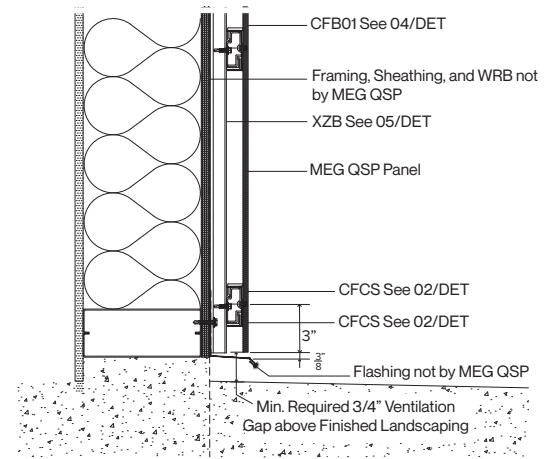




## STEP 2: WRB INSTALLATION

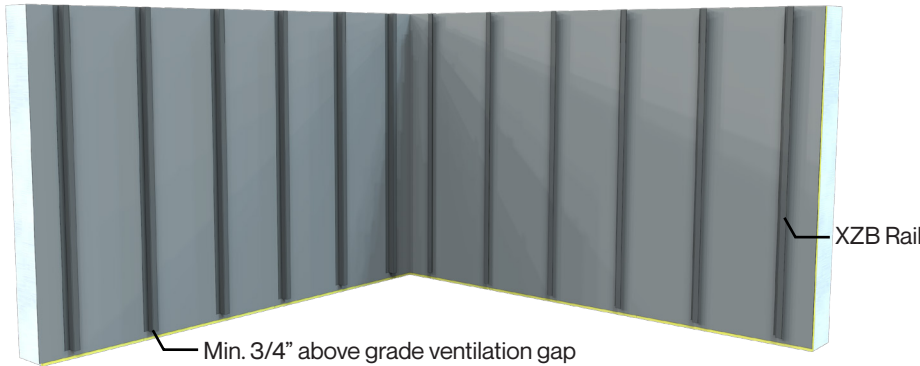


2a. Install black, UV resistant water resistive barrier (WRB)



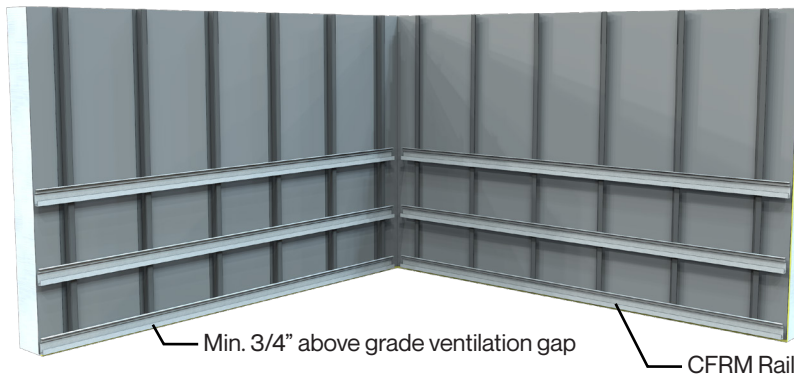
**Wall Base Detail**

## STEP 3: VERTICAL RAIL XZB PLACEMENT



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

## STEP 4: HORIZONTAL RAIL CFRM INSTALLATION



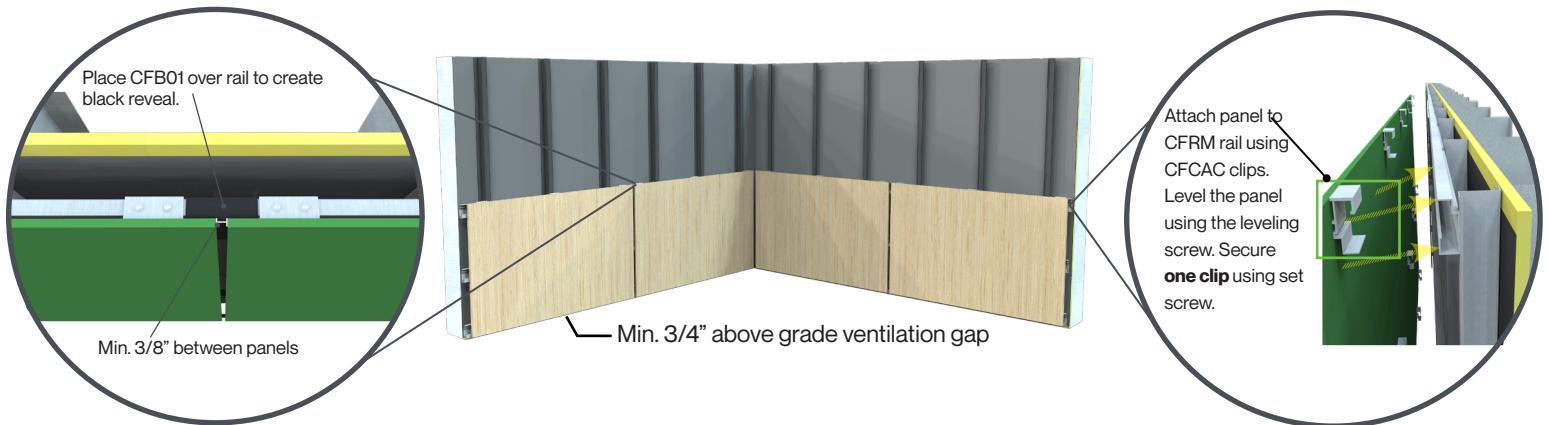
4a. Install FIRST set of CFRM rails according to clip locations on the back of the MEG QSP panels

### 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 QSP panels

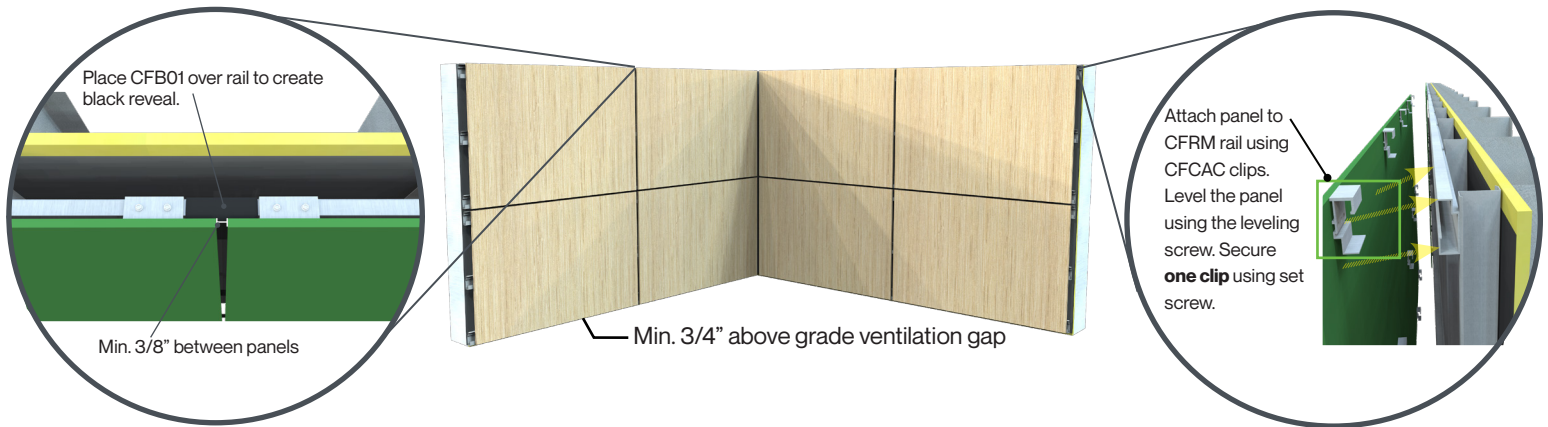
### IMPORTANT NOTE

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.



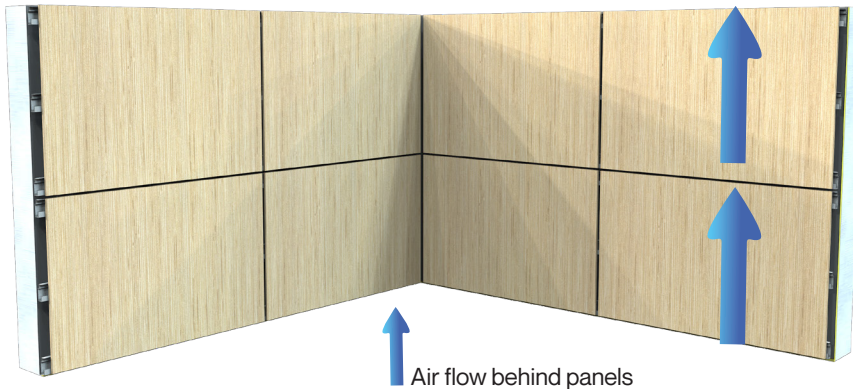


## STEP 7: PANEL INSTALLATION



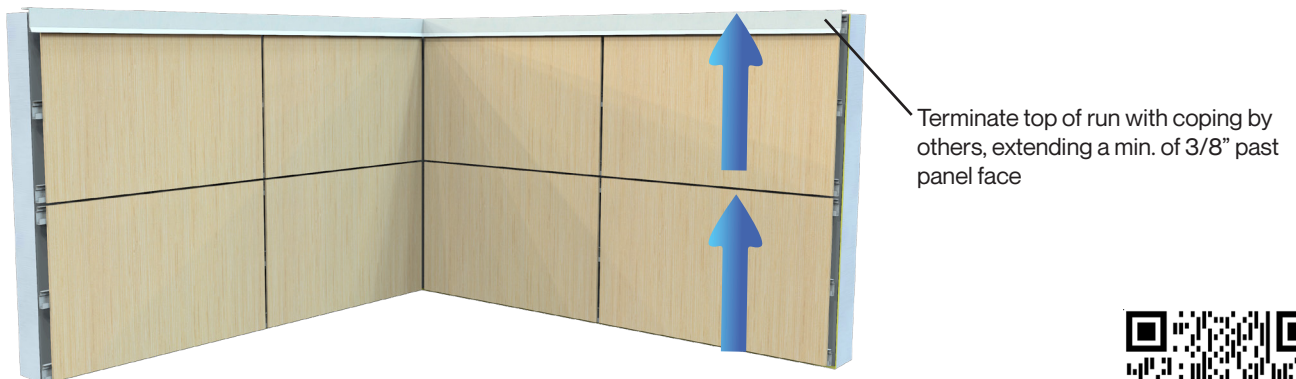
- 7a. Hang panel with installed clips on CFRM rail
- 7b. Place CFB01 over CFRM rail between panels to create a black reveal between the open joint gaps  
Note: install a black WRB/Air Barrier if total back reveal is required
- 7c. Level each panel using the leveling screws on the CFCAC clips
- 7d. After 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 [us.abetlaminati.com](http://us.abetlaminati.com)

