CERACLAD
Triple-Coated Rainscreen Siding Systems

Field Guide

- Panels
- Starter Bars
- Spacers
- Clips
- Screws
- Joiner Bars
- Face Fasteners

Contents

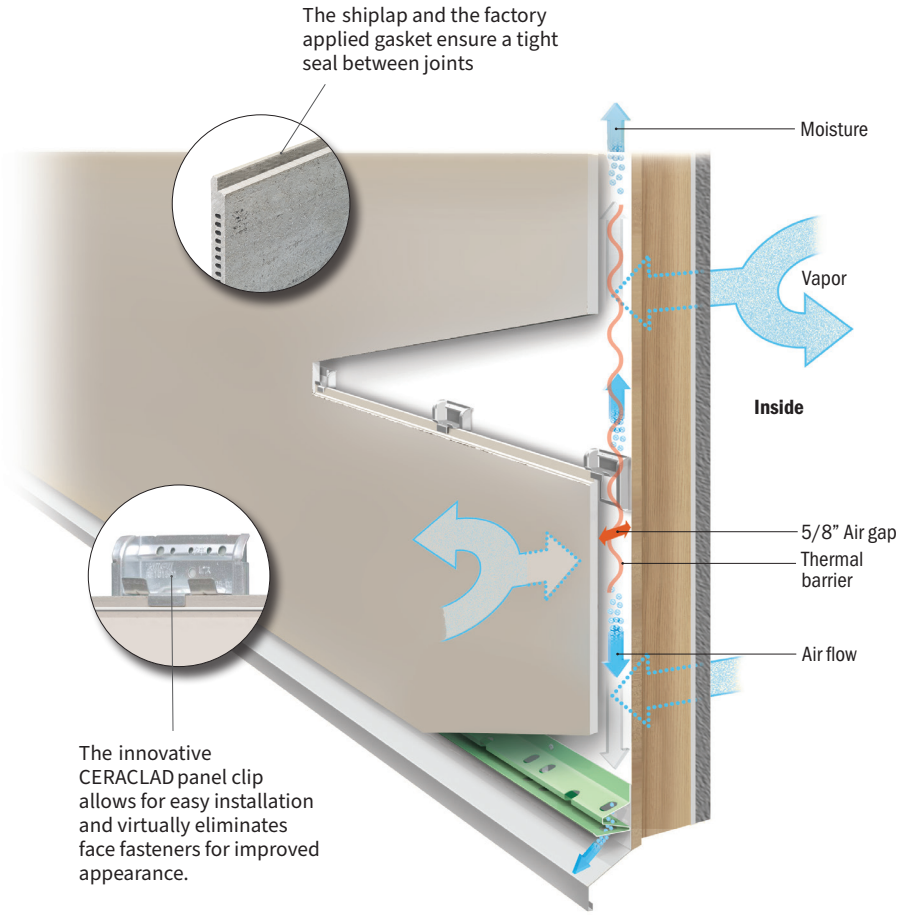
CERACLAD Introduction

Rainscreen Moisture Management

CERACLAD's Rainscreen Moisture Management System is an advanced wall assembly that incorporates proven rain-shielding technology. The system consists of pre-finished siding panels and innovative mounting clips and accessories that are manufactured and designed for durability and ease of installation.

Our exclusive technology combines a durable weather-resistant exterior with an internal ventilation layer that allows moisture to escape.

- Moisture management
- Air cavity
- Air flow
- Helps to prevent mold from growing



CERACLAD is a fiber cement rain screen system manufactured in Japan for over 30 years. For more information about our products, or for technical assistance, please contact us using the information below.

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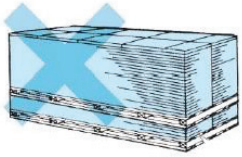
Material Handling and Storage

Indoor storage (as shown) recommended. Due to the difficulty of controlling conditions, outdoor storage should be on a short-term / temporary basis only, and only with additional precautions to limit panel exposure to the elements.

When storing panels at the jobsite for an extended period of time, store indoors with the following additional precautions: cover with a tarp and store flat in the manufacturer's original packaging in a secure, dry, temperature-stable environment away from the elements, and away from potential physical damage. Particular care is needed to avoid humidity and moisture when storing panels.

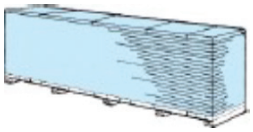
Manufacturer cannot be responsible for panel failure or damage due to improper storage.

Always cover CERACLAD with plastic sheeting or a tarp, or store inside.

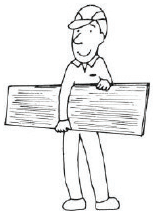


Don't stack pallets with more panels on top of pallets with less panels.

Protect more delicate shiplapped edges from being damaged during storage or while moving product.



Don't place panels directly on the ground. Stack panels on risers or pallets.



Carry the panel lengthwise tucked under your arm. Full panels should be handled by 2 people

Handling the Material

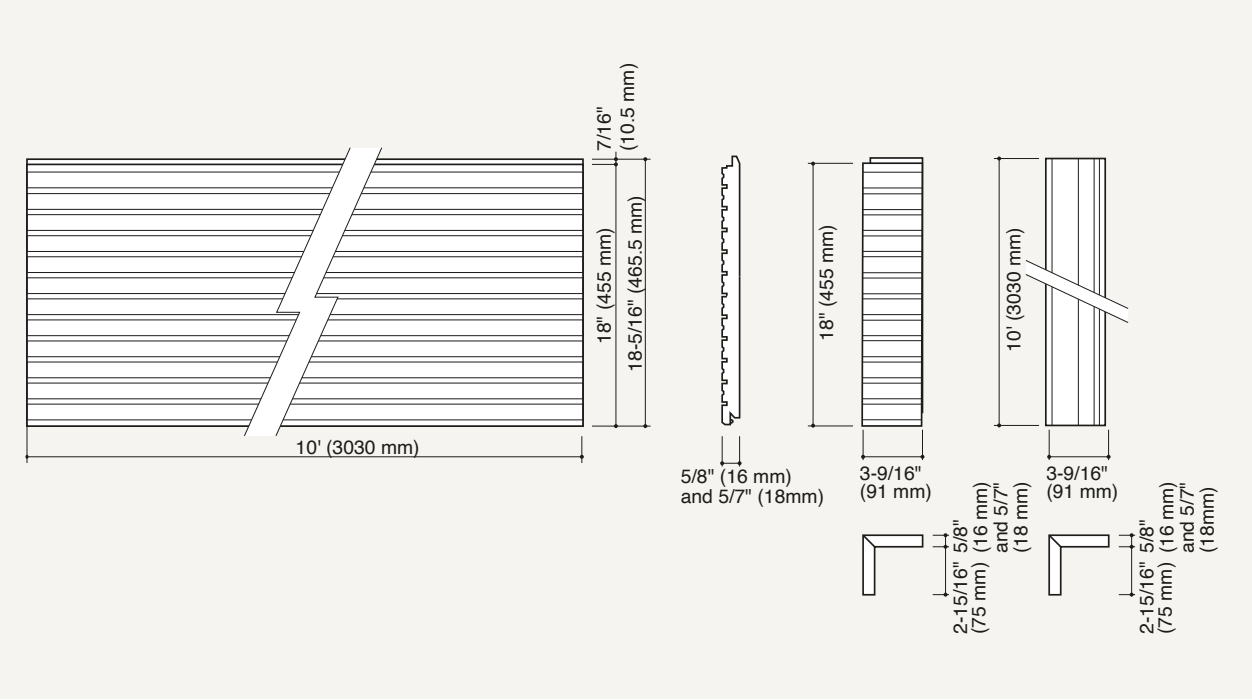
The material must be handled with care so as to not damage the face, the corners or the edges. While handling the material you must also take care to protect the panels against dirt and moisture as this will damage the material. Do not stack wet or dirty boards, as this will result in permanent damage that would not occur if properly handled.

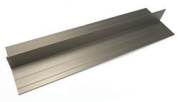
The sheets must be lifted and not dragged off the stack, as this can result in damage to the material.

The sheets must also be carried by two people, and by the edge to reduce the strain on the material and the workers.

Panel and Accessories

CERACLAD complete installation package including panels, accessories, and hardware. All products are individually packed and marked for your convenience.



Installation Accessories				
Panel Clip	Corner Clip	Starter Bar	T-Joiner	Caulking Joiner
				
Wood/Steel Screw	Touch-up Paint	Spacer Block	Repair Putty	Waterproof Sealer
				

Please note CERACLAD panel actual dimensions: Imperial: 17.91" wide x 119.29" long; Metric: 455mm wide x 3030mm long. When measuring and laying out the panels, it is crucial to ensure accuracy and avoid compounding small measurement variations.

Tools and PPE

- **Dust proof safety glasses**
- **Respirator or dust mask**
- **A panel saw or circular saw with a vacuum attachment**
- **Proper cutting setup**
- **Dry soft cloth, natural bristle brush, or air compressor to clean dust off the panels**
- **Drill, drill bits and countersinking tool**
- **Level, square, measuring tape, hammer, soft faced mallet and chalk line**

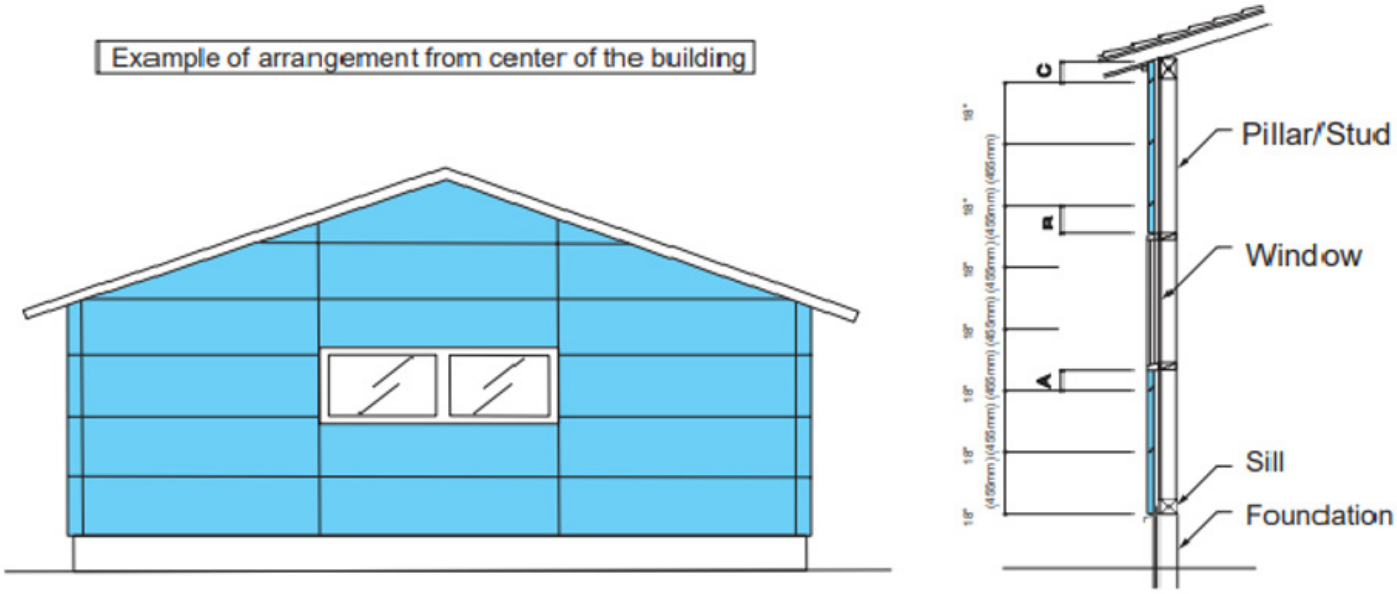
Wear Safety Equipment
Work safely and use the proper precautions.

Proper Cutting Setup
Use good support and position the siding face down when using a circular saw.

Panel Arrangement

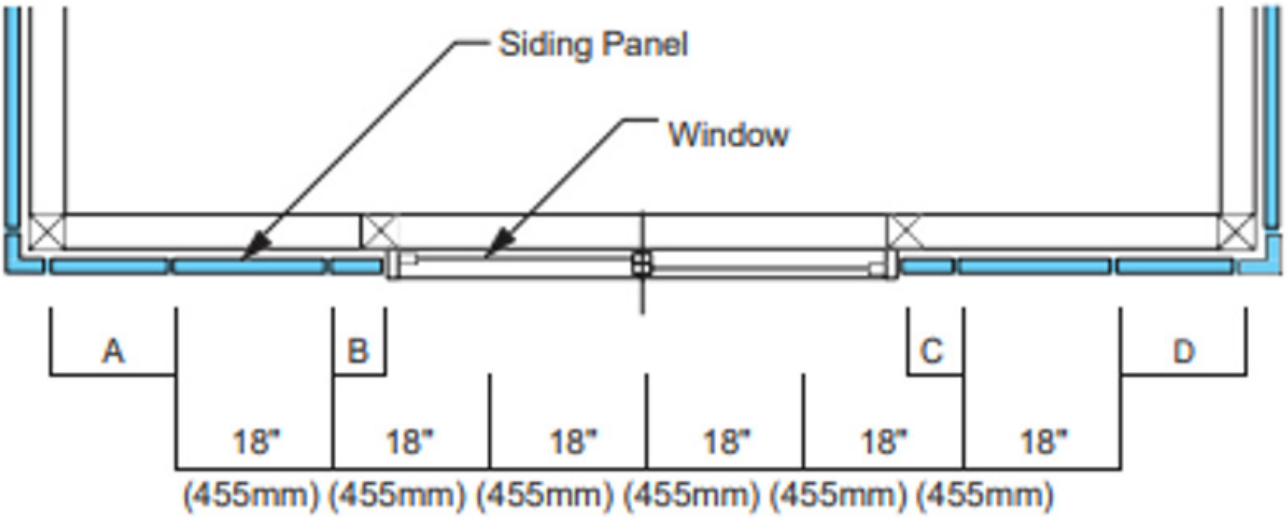
Horizontal Application

Pay attention to window locations and eave soffit height to provide more than 2 ½" for the panels above and below window frames (A, B, figure below right) and panels below the soffit (C). Avoid installing panels that are less than 2 ½" wide in these locations.



Vertical Application

Arrange the panels from the center of the building wall. Make sure the panels along both window frame sides (B and C) and the sides of the outside corners (A and D) are at least 2-1/2" wide.



Cutting

A. Cut panels from the backside.

B. Cut panel width must be greater than 2 ½".

C. Clean cut panels by blowing dust away with compressed air or with a clean dry cloth. Dust from drilling and cutting must be removed quickly and thoroughly, before it damages or dirties the surface of the panels.

D. Fiber cement panels contain silica. When drilling, cutting, or abrading panels during installation or handling, observe the following precautions:

a) work outdoors in a well-ventilated area

b) wear a dust mask or use a respirator

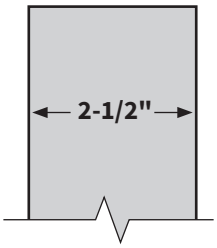
c) warn other workers and building occupants in the area

d) advise building occupants to close windows in the immediate area of work.

E. Use a panel saw or circular saw with a vacuum attachment to cut CERACLAD panels. Use of a wet saw to cut product is not permitted.

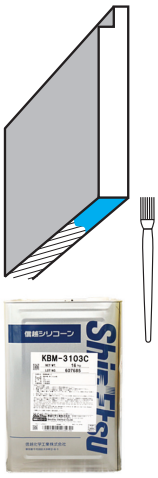
FIBER CEMENT BLADE

Use a panel saw, or a circular saw with a fiber cement blade. Change out blades frequently to prevent chipping of panel finish.



MINIMUM PANEL CUT SIZE

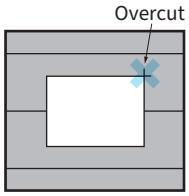
2-1/2" is the minimum panel size. Smaller panels may crack and break.



SEALING CUT PANEL EDGES

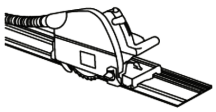
Where panel has been cut and will not be sealed with caulk (ex: panel ends covered by metal trim or cut edges at soffits), apply CERACLAD cut edge sealer.*

***T-joint installation requires both factory and cut edges to be sealed (not shiplap edges).**



DO NOT OVER CUT

Over cutting may cause cracks on the panel surfaces or rain leakages.



For precise cutting, a panel saw or circular saw guide is required.

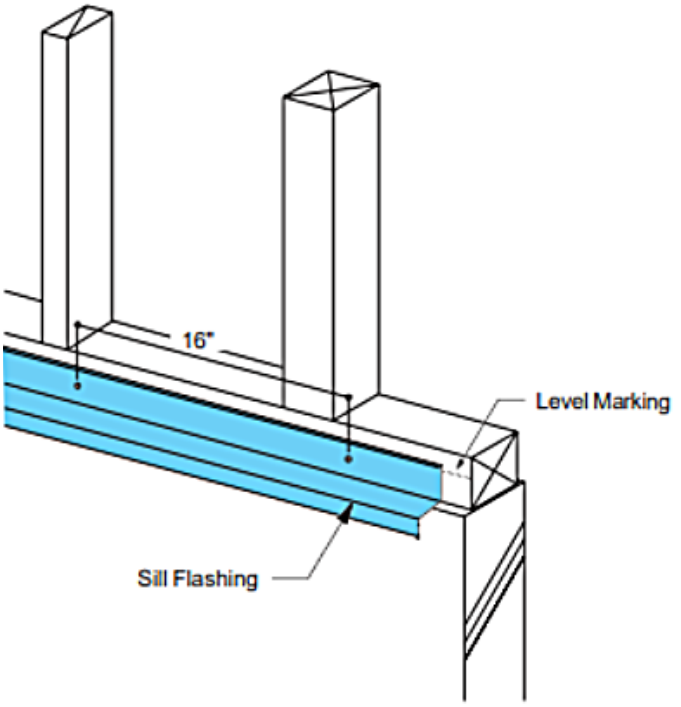
Circular hand saw with guide rail and dust extraction.

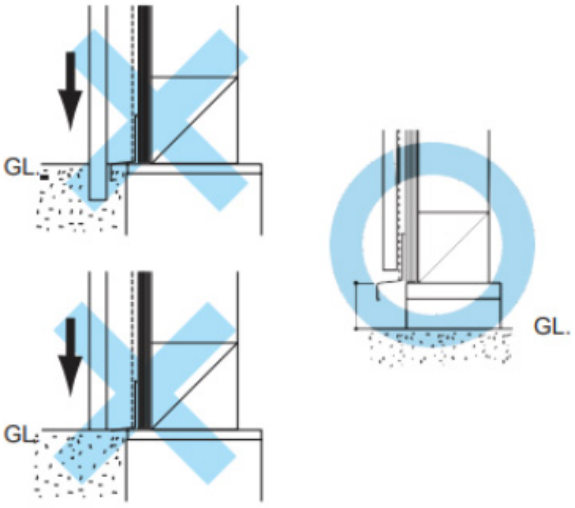
Installation Instructions

When installing CERACLAD panels, plan their placement carefully. Panels can be installed horizontally or vertically for an appealing appearance and minimal waste. Thoroughly inspect the wall for proper attachment requirements and backing for future additions..

Sill Flashing

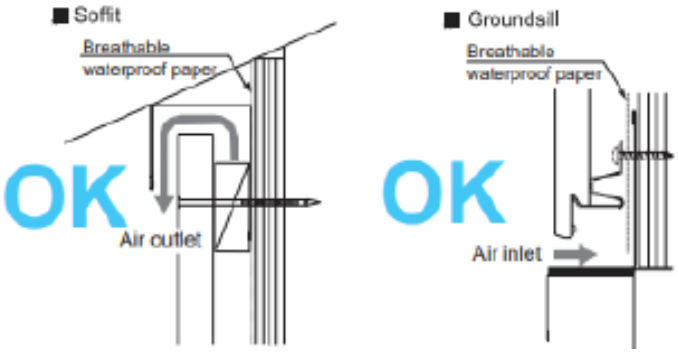
Securely fasten sill flashings at each stud location and ensure they are level. Follow WRB manufacturer instructions for moisture management and proper detailing.





Do not bury CERACLAD panel ends in the ground or allow them to come into contact with the ground surface. Otherwise, panels in contact with the ground may absorb water and deteriorate.

Allow for a clearance of 6" (150mm) or more between the plywood/OSB sheathing and the ground surface.



Avoid blocking inlets, air cavities, and outlets when installing CERACLAD.

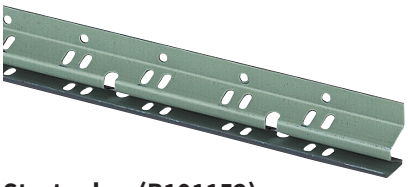
A code-approved WRB must be used behind the CERACLAD Rain Screen system. Otherwise, condensation may build up in the wall cavity, causing mold and rot problems.

Installation Instructions – Panel Installation

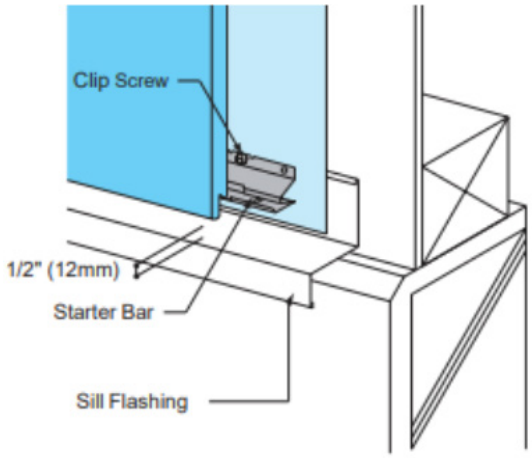
Horizontal Panel Application

Starter Bar

Install Starter bar at the base of the wall. Make sure it is level and screwed* to the studs every 16". The starter bar has a lip to hold the panels by intersecting with the panel bottom shiplap.



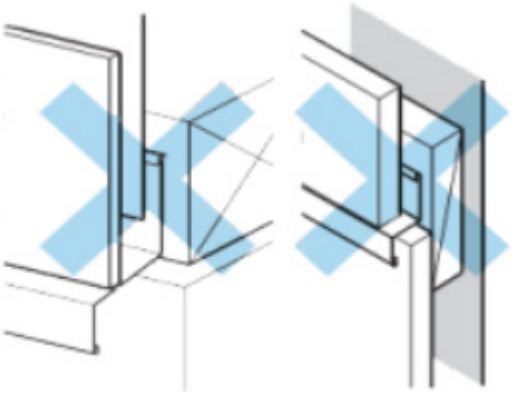
Starter bar (B101152)



Air Gaps at Flashing Details

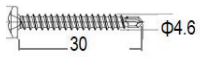
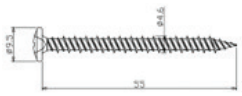
An air gap must be present between the panels and any through wall flashing or sill flashing.

A lack of a gap between the flashing and the panels can lead to water intrusion and deterioration of the panels.



*Select fasteners suitable for the installation method. Follow the manufacturer's recommendations for the compatible fastener type.

CLIP SCREWS

Name	Photo	SKU#	Material	Length	Diameter
Clip Screw for Steel Furring		B885116	Stainless steel 410	16mm (5/8")	4.6mm (3/16")
Clip Screw for Steel Studs Through Sheathing		B885130	Stainless steel 410	30mm (1-3/16")	4.6mm (3/16")
Clip Screw for Wood		B881135	Stainless steel 410	35mm (1-3/8")	4.2mm (#8, 5/32")
Clip Screw for Wood Long		B88553	Stainless steel 410	55mm (2-3/16")	4.2mm (#8, 5/32")

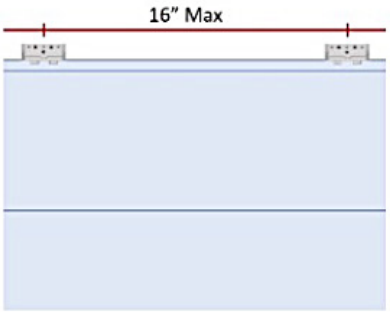
Installation Instructions – Panel Installation

Horizontal Panel Application

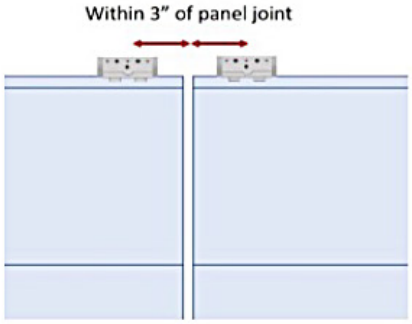
Clip Installation

Set the bottom shiplap edge on the starter bar and put the clips on panel top shiplap and screw to the sheathing or stud. Clips have several holes for screws. Fasten clips with one screw when fastening to a wood stud or use two screws when fastening to wood sheathing or steel stud/furring.

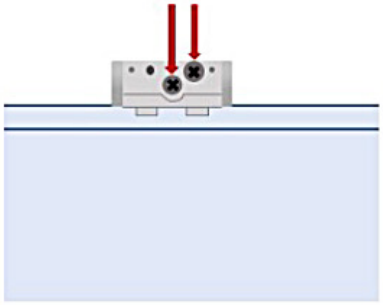
Make sure Panel clips are seated firmly on the top shiplap and panel is level and plumb. Shim behind clips as necessary.



Panel clips shall be spaced 16" OC or less along the panel edge.

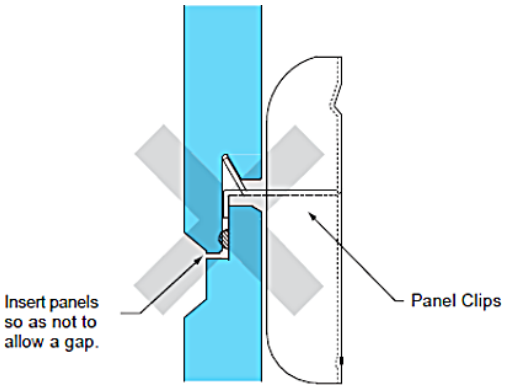


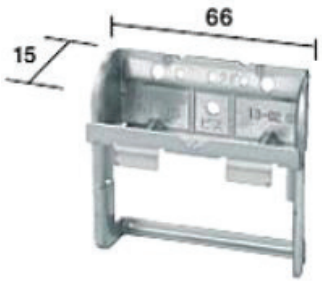
Clips shall be placed within 3" of each panel end. Additional blocking at joints may be required to accomplish this.



When fastening to sheathing use two screws.

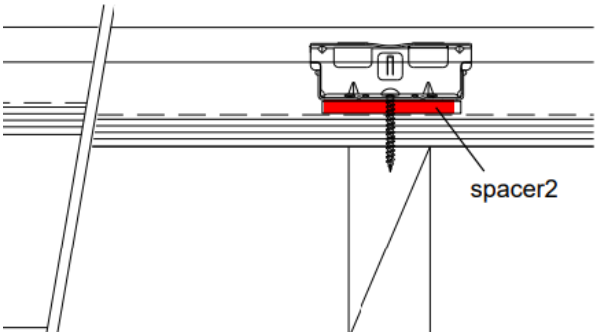
Fit clips tight to the shiplaps to prevent any gap between the panels.





Panel clip (B10115)

Clips can be shimmed out as necessary to create an even, flat, and plumb surface.



Installation Instructions – Panel Installation

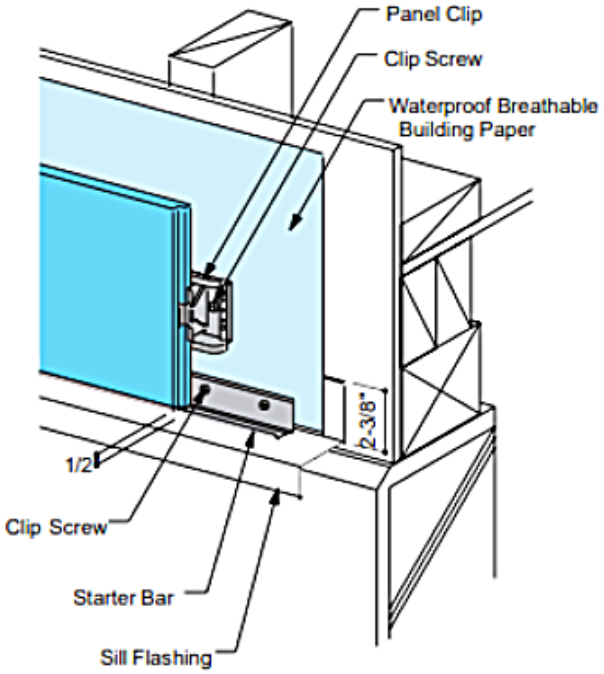
Vertical Panel Application

Starter Bar

Vertically oriented CERACLAD panels are supported by the vertical Starter Bar. The Vertical Starter Bar acts like a shelf, providing support for the panel. Although the clips keep the panel in place, most of its weight is supported by the Vertical Starter Bar. Therefore, it is crucial to attach the Starter Bar to a structural element such as a stud or furring that is connected to the stud.*

***For attaching to 18 ga steel, decrease the fastener spacing in the Starter Bar from 16” to 8”. For attaching into 16 ga steel, or wood studs, a standard 16” spacing is adequate.**

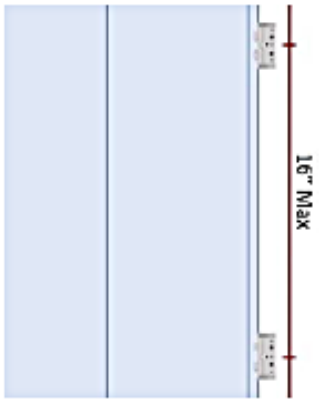
Starter bar (B10157HG)



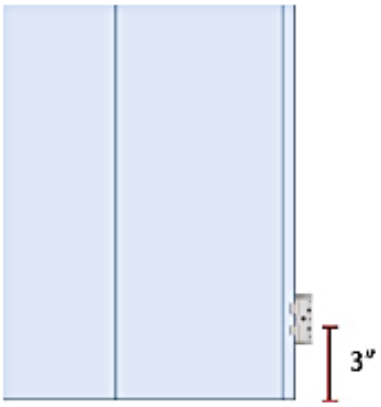
Vertical Panel Application

Clip Installation

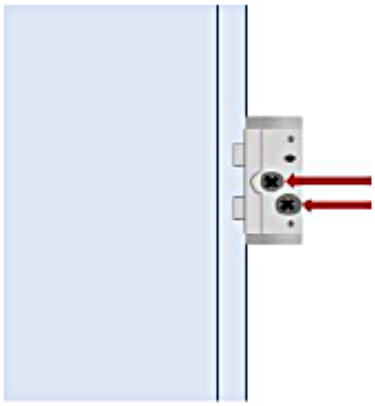
Vertical Panel application goes with the same clip as horizontal just 90 degrees rotated.



Panel clips shall be spaced 16" OC or less along the panel edge.



Clips shall be placed within 3" of the Starter Bar and 3" of the top of the panel.



Use two screws when fastening to sheathing.

Install vertical panel in one direction down the wall with the top ship lap as the leading edge.

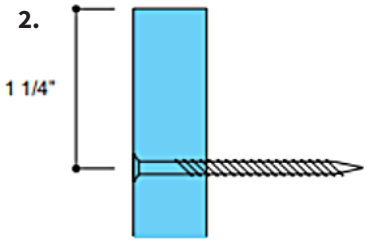
Installation Instructions – Face Fastening

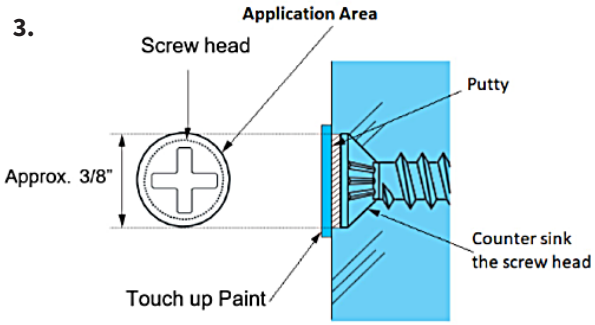
Use face fasteners and spacer blocks to secure panels in areas where shiplap edges have been removed. See pages 14 and 15 for details on which areas require face fastening.

Face Fastening with Screws

To minimize the visibility of face screw fasteners, follow these best practices:

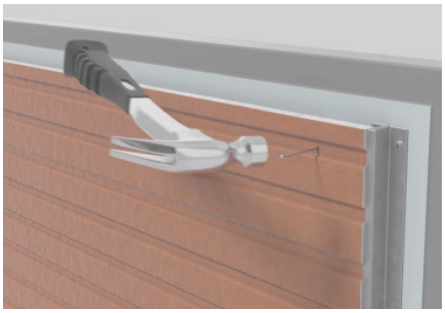
1. Tape Application: Apply low adhesive tape (e.g., painter's tape) to the panel at designated face fastening locations.
2. Pre-Drilling: Pre-drill panels 1 ¼" from the cut edge. Use a countersink drill bit 1mm smaller than the screw diameter for a flush finish.
3. Fastener Hole Patching: After fastening, fill the countersunk holes with CERACLAD putty compound for a smooth surface.
4. Touch-Up Paint**: Use an artist brush to apply touch-up paint to the patched holes.
5. Tape Removal: Remove the painter's tape after patching and touch-up paint application.



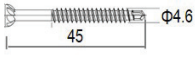
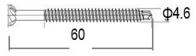
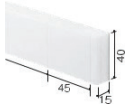


Face Fastening with Ring Shank Nail (for Wood Studs)

For face nailing on wood studs, predrill and hammer the nails without countersinking. Touch up** the nail head with paint.



FACE FASTENERS

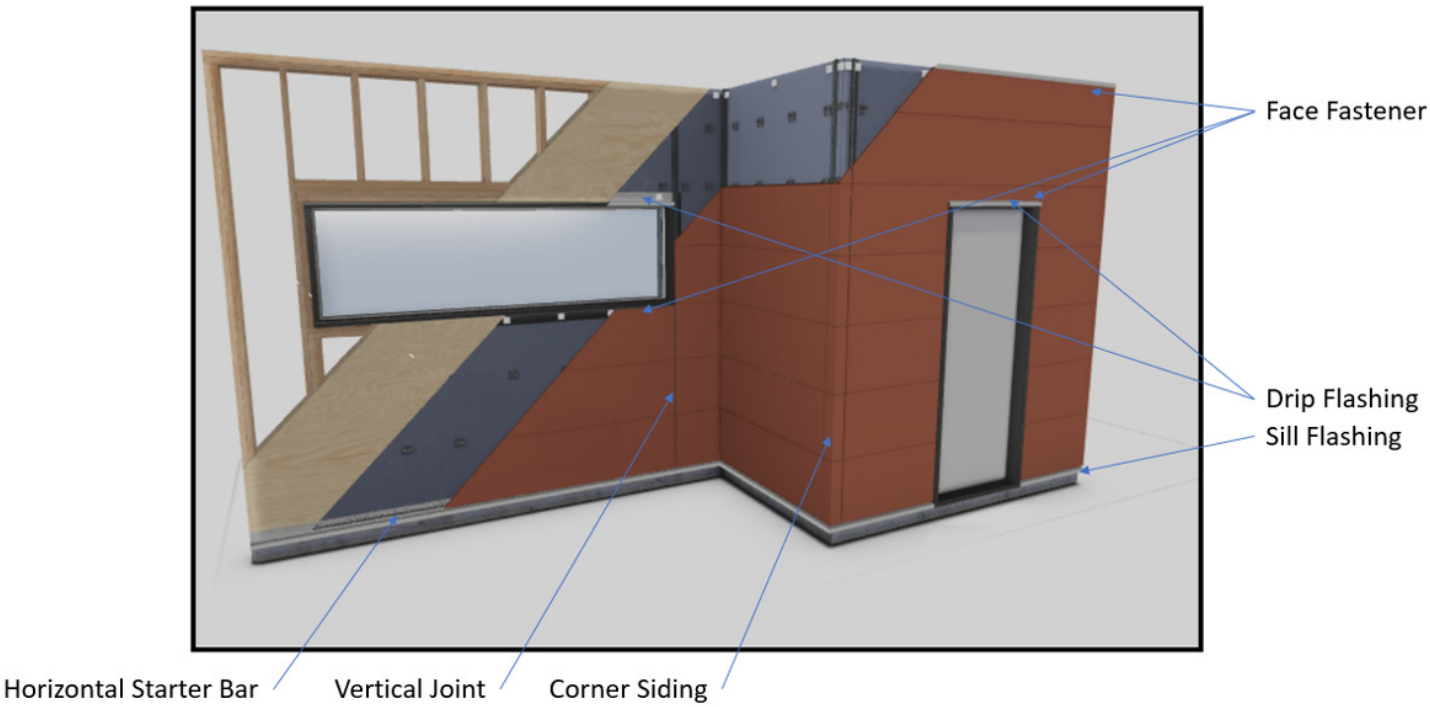
Name	Photo	SKU#	Material	Length	Diameter	*Pre-drill bit size
Face Nail for Wood Long (Ringshank)		B8765R400	Stainless steel 304 with painted coating	65mm (2-9/16")	3.0mm (1/4")	4.0mm (5/32")
Face Screw for Steel Studs Through Sheathing		B885245	Stainless steel 410	45mm (1-49/64")	4.6mm (3/16")	5.6mm (7/32")
Face Screw for Steel Studs Through Sheathing		B885260	Stainless steel 410	60mm (2-1/4")	4.6mm (3/16")	5.6mm (7/32")
Spacer Block (15mm) Self-Adhered		RY82S15	Polypropylene and polyethylene	3'-3/8" per strip	Depth 15mm Width 40mm Height 45mm	

Pre-drill CERACLAD panel with recommended drill bit before installing fasteners. This helps to prevent panel cracking and chipping.

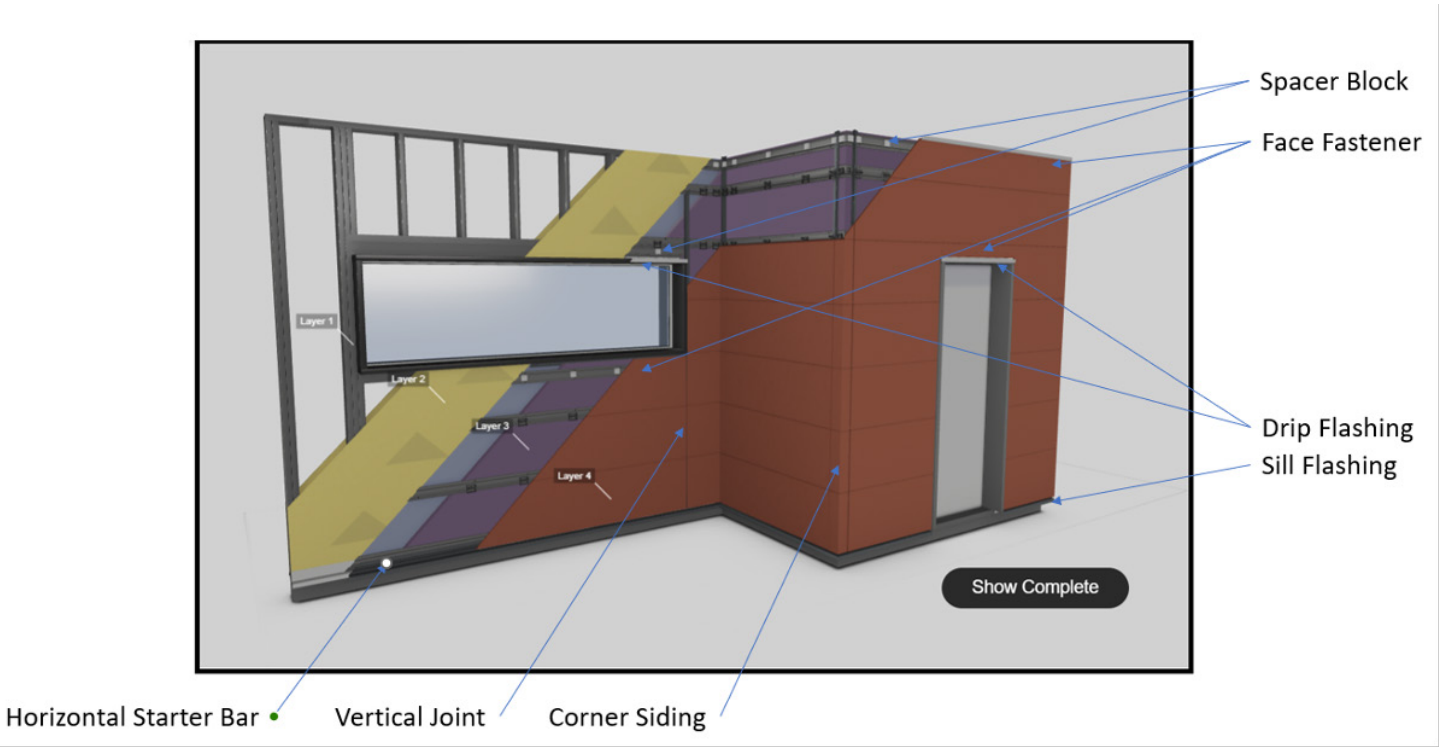
** Refer to CERACLAD touch up and paint on page 24 for more instructions.

Installation Instructions – Overall Wall View Horizontal

Wood Framing with Structural Sheathing

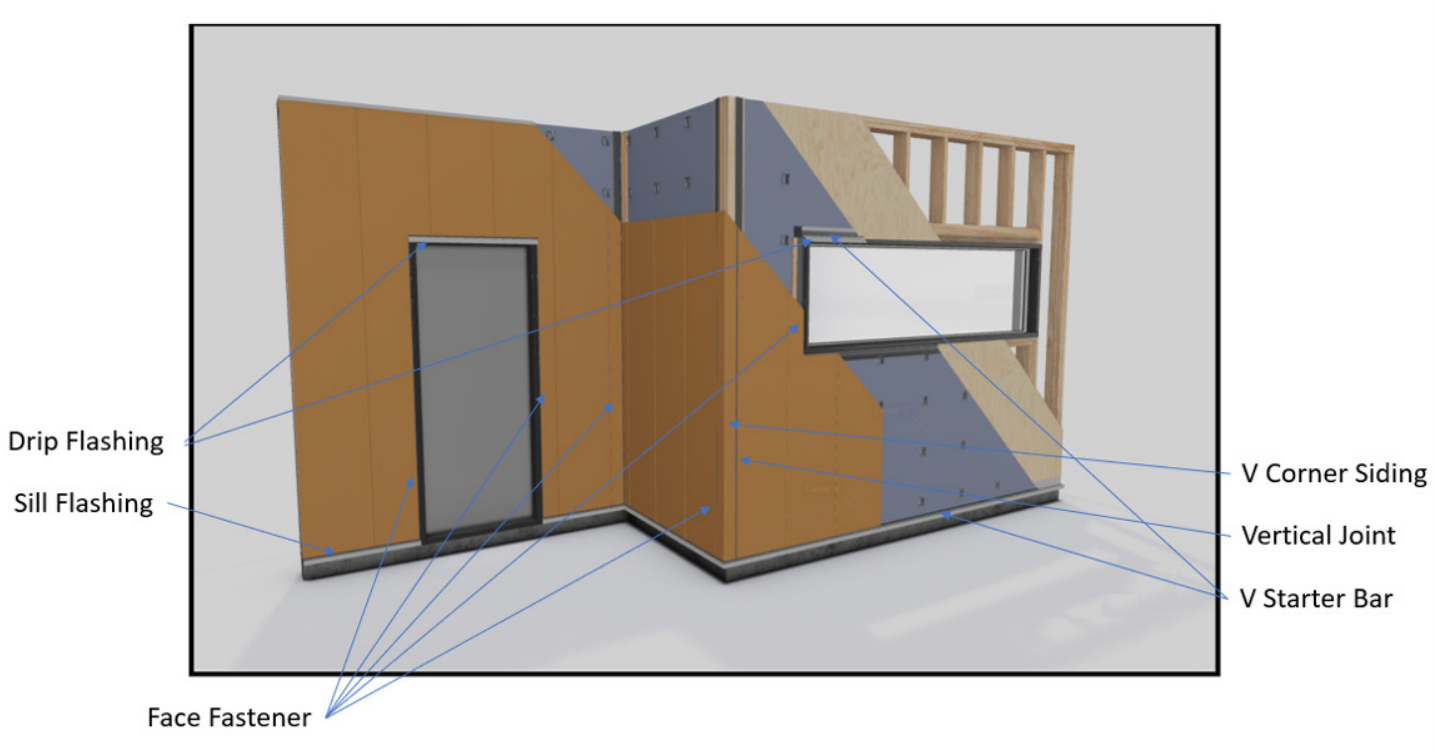


Steel Framing, Non-structural sheathing, Continuous Exterior Insulation, Steel Furring fastened to Stud through Insulation

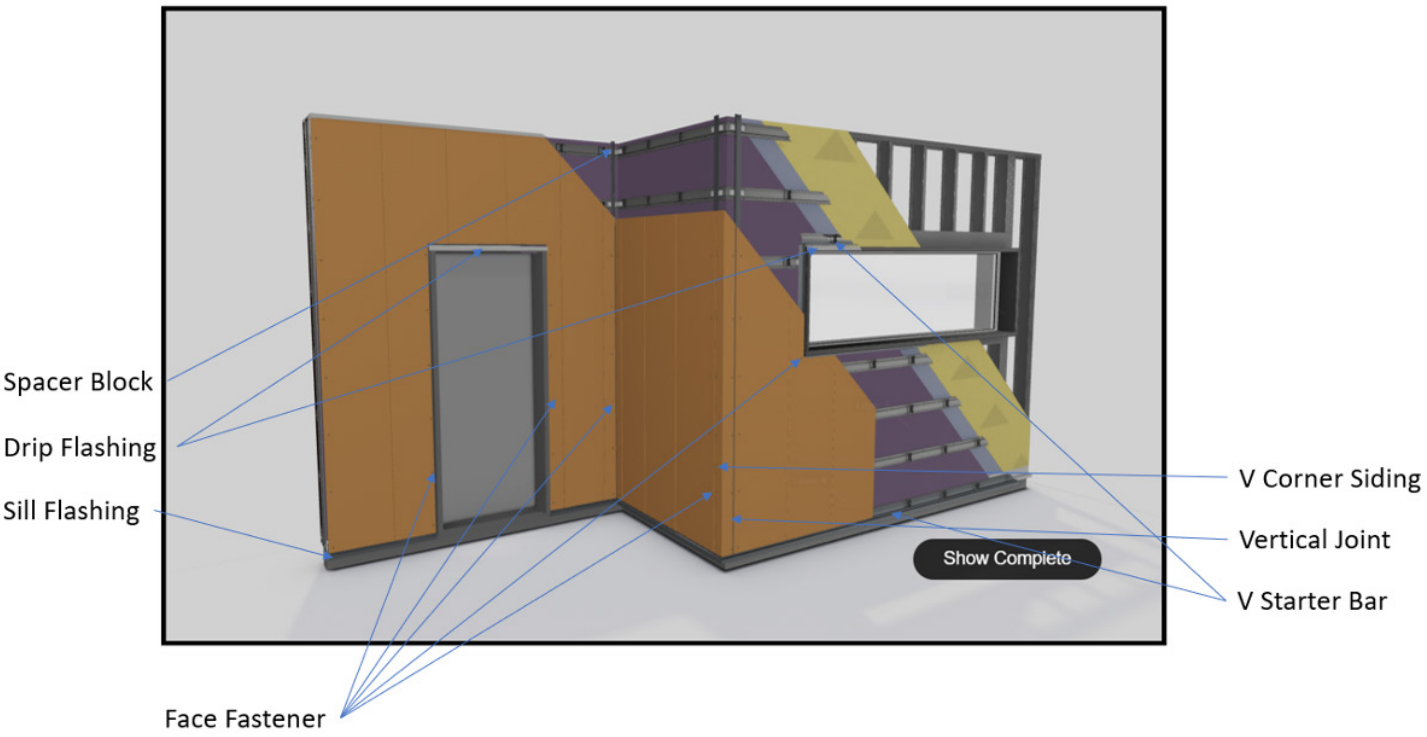


Installation Instructions – Overall Wall View Vertical

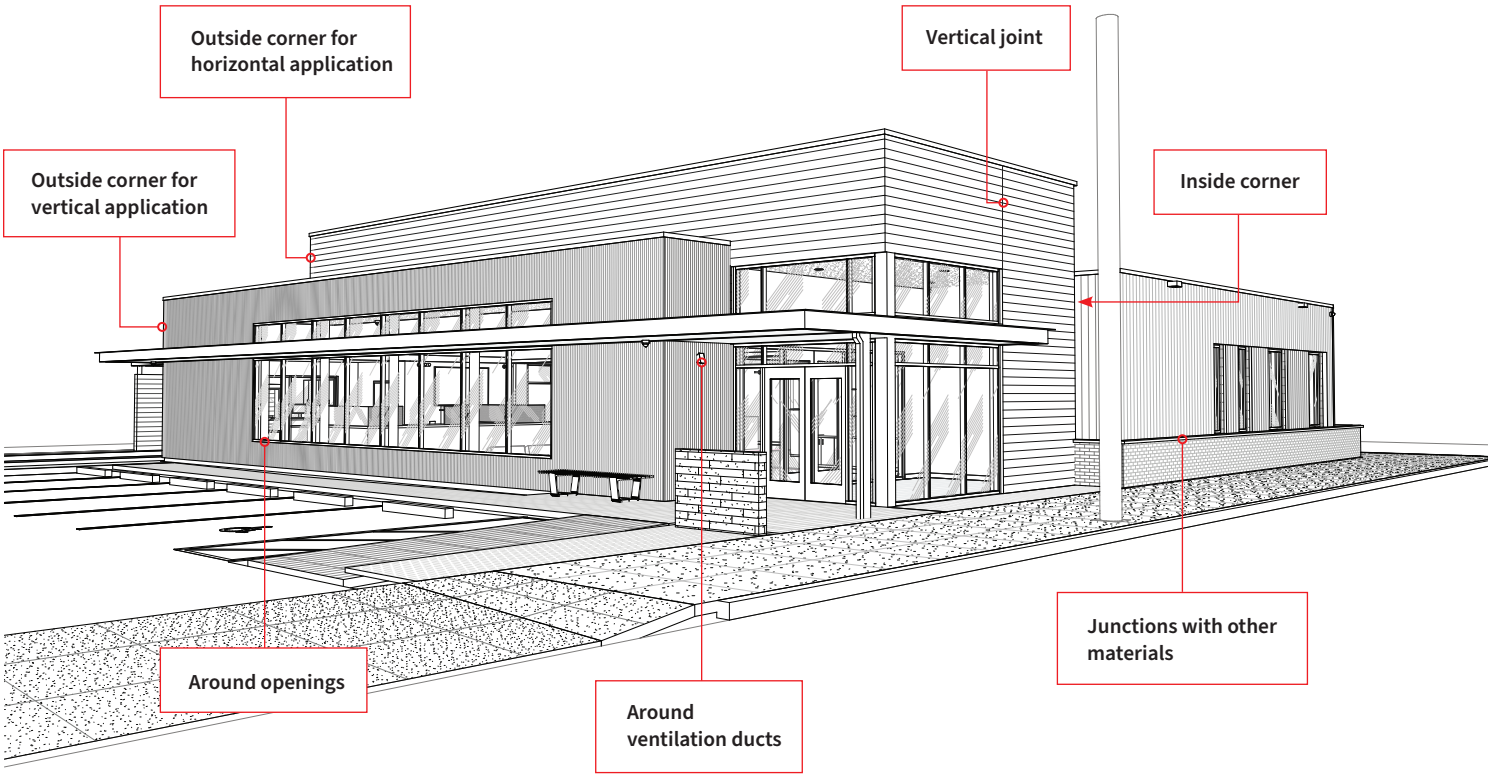
Wood Framing with Structural Sheathing



Steel Framing, Non-structural sheathing, Continuous Exterior Insulation, Steel Furring fastened to Stud through Insulation



Installation Details



Joints & Flashings

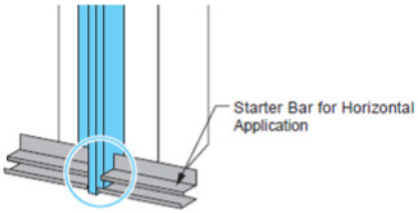
There are 3 options for Vertical joint treatments with CERACLAD Panels:

1. Caulk joint

2. T-joint

3. Third party metal trim (extruded aluminum or brake metal)

Horizontal joints at panel breaks are supplied by others. (extruded aluminum or brake metal)

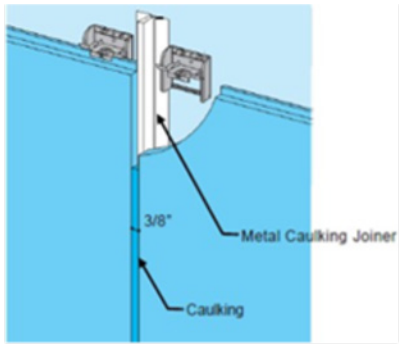


CAULK JOINT

CERACLAD caulking joiners for horizontal panel application*

Caulking joiners are fastened to the substrate with screws every 24" (staggered). Panels butt to the joiner to form a 3/8" x 3/8" channel for sealant application.

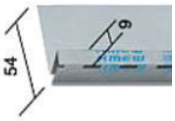
Joiner bar flanges need to be notched out at the bottom to span the starter bar to create a continuous backer for sealant joint. (See options at right).



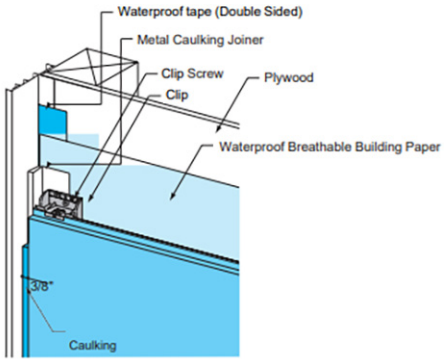
Installation Details

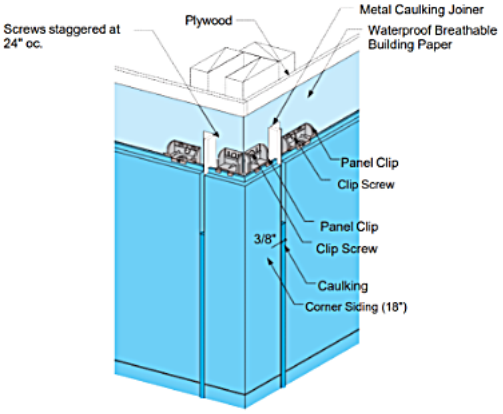
Use double side flanged caulk joiner for vertical joints between two panels and use one side flange for panel abutment to any openings, inside corners and to CERACLAD preformed outside corners.

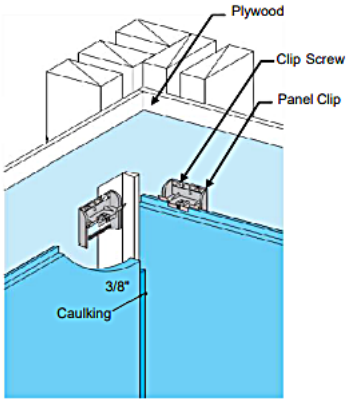
Metal caulking joiner (B2722)



Metal caulking joiner - One-side (B2719K)





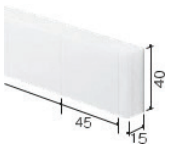


*For T-Joint Caulkless application use T-Joiner B3616F4 in lieu of double flange joiner and use L-Joiner B3616KF4 in lieu of single flange joiner. Refer to CERACLAD T-Joint Installation Guidelines for more information.

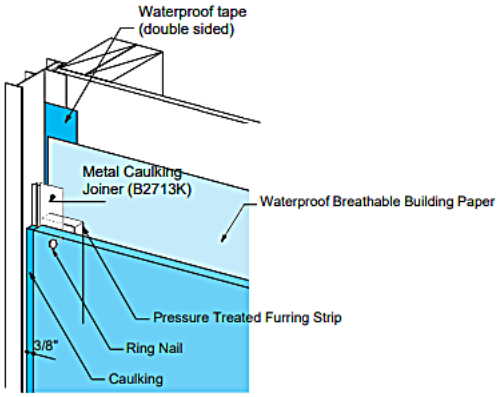
CERACLAD Caulk Joiners for Vertical Panel Application**

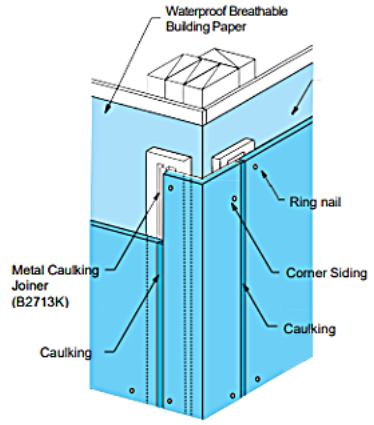
Use single side flanged caulk joiner for joints between panels and abutment to any openings, inside corners and to CERACLAD preformed outside corners. 15mm CERACLAD Spacer Block or pressure treated wood need to be installed to back the joiner and vertical corner face fastening.

Metal caulking joiner - vertical (B2713K)



Spacer block (RY82S15)





**For CERACLAD T-Joint Caulkless application use L-Joiner B3616KF4 without the spacer block. Refer to CERACLAD T-Joint Installation Guidelines for more information.

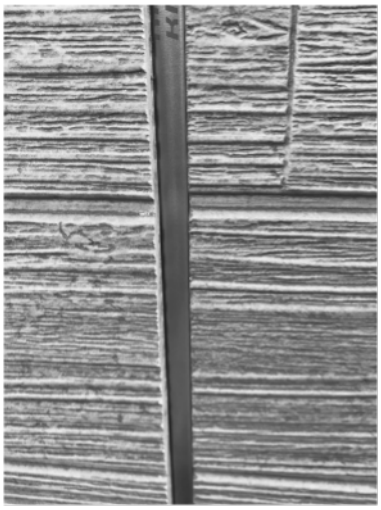
Installation Details

Sealant Application

The CERACLAD metal caulking joiner is equipped with a bond-breaker tape to prevent three-sided adhesion in the sealant joints. When panels are properly butted to the joiner you will have a 3/8" x 3/8" gap left for applying sealant.

To achieve a clean and professional caulk line, follow these steps:

1. **Place low-adhesive tape (masking or painter's) along the areas where sealant joints are needed to create a defined boundary.**
2. **Fill the gap between the panels with a color-matched sealant that meets CERACLAD Sealant Guidance*.**
3. **Before removing the tape, use a caulk spatula or similar tool to press the surface of the sealant, ensuring a smooth and even finish.**
4. **Once the sealant is applied, remove the masking tape before the sealant cures. If any excess sealant adheres to the panel, carefully remove it using a putty knife or a soft cloth.**



*CERACLAD does not supply, warranty, or approve the sealant used with metal joiner bars at panel joints and abutments. The sealant selected shall comply with the following performance specification: Single component, low modulus silicone; ASTM Specification C 920, Type S, Grade NS, Class 50 or 100/50, Use NT, M, G, A and O. Install the sealant in accordance with the manufacturer's instructions. It is recommended to perform a field pull test according to the sealant manufacturer's instructions to ensure a proper adhesive bond. Please contact technical@ceraclad.com for additional questions.

Installation Details – CERACLAD T-joint Application*

CERACLAD T-joint application eliminates the need for caulking.

T-joint installation requires precise cutting and to achieve clean, square, joints between panels. Since the joint is free of sealant or surface trim, the panel edges are highly visible.

A sharp, high-quality fiber cement blade is essential for clean cuts.

- **Do not cut panels freehand.**
- **A panel saw or circular saw guide is required for cutting panels.**
- **Apply KMEW specified waterproof sealer to all 18" panel edges.**

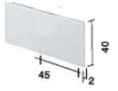
The installation steps for T-joint application are similar to caulk joint instructions, use T-joiner B3616F4 in place of the double flange caulk joiner and L-joiner B3616KF4 in place of the single flange caulk joiner.

Install the T-joiner butted to the panel and secure with screws every 16" o.c. to the substrate; Install the panel clip so it does not overlap the T-joiner.

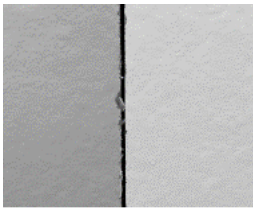
The maximum acceptable unevenness of the structural members, including pillars and beams, and the sheathing boards is 1/16" (2 mm) every 32".

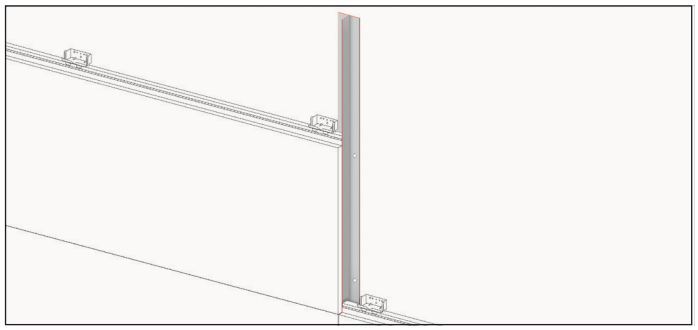
Continue to install panels butted to T-joint, fasten clips and repeat. In areas where the shiplap edge of the panel is removed, use face fasteners to secure the panel. (Refer to page 14 for Face Fastening Instruction).

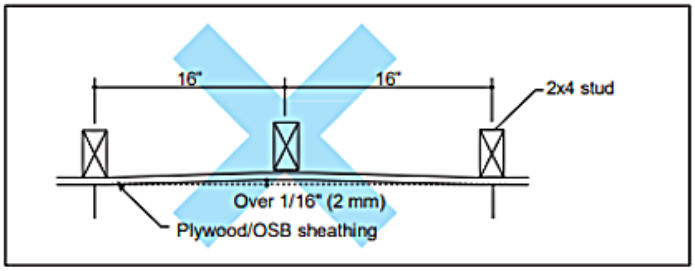
*Refer to CERACLAD T-Joint Installation Guidelines for more information.

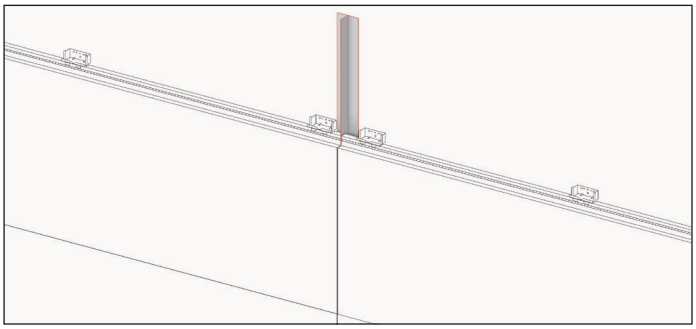
Name (SKU)	Photo	Material	Places of Application
T-shaped aluminum joiner (B3616F4)		Aluminum	Used to form vertical panel joints (panel to panel)
L-shaped aluminum joiner (B3616KF4)		Aluminum	Applied on the inside and outside corners, jambs and other vertical abutments.
Spacer 15 (RY82S15)		Polypropylene	Used as backing for face fastener locations to eliminate deflection of the panel.
Spacer 2 (RY82S02)		Polypropylene	Used for adjusting unevenness of the substrate
Water proof sealer (LTKMB3103C)		Silane water repellent	It is applied on the panel edges

Repair surface chipping with touch-up paint.





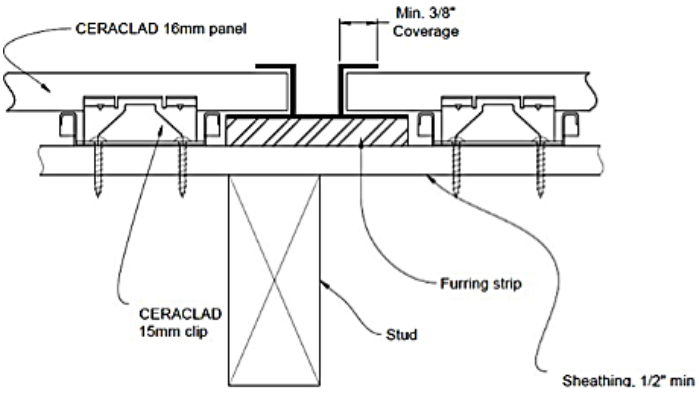




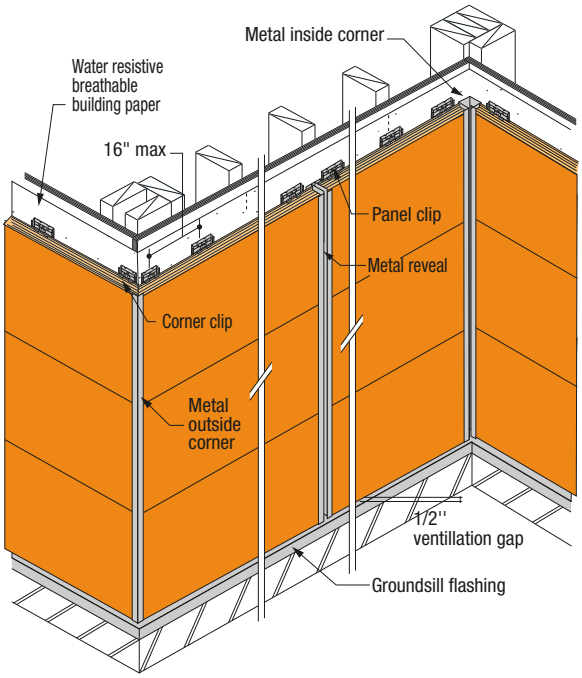
Installation Details – CERACLAD with Third Party Metal Trim

3rd Party Metal Trim Joints

3rd party metal trim can be used as a joint option for corners, abutment to openings, and transitions, as well as vertical joints. Metal trim must cover panel surface ends by 3/8" or more. Be sure to order and use trim channels sized to the appropriate panel thickness. Follow installation instructions from 3rd party metal trim manufacturer.



METAL TRIM APPLICATION



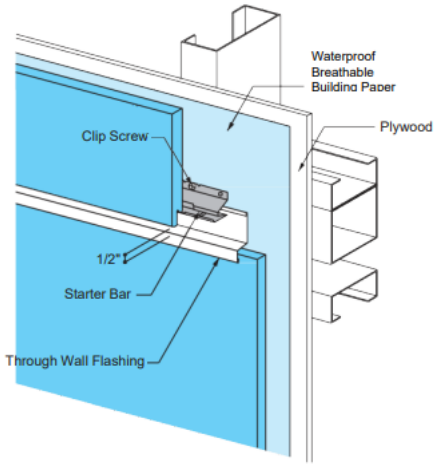
Through Wall Flashings

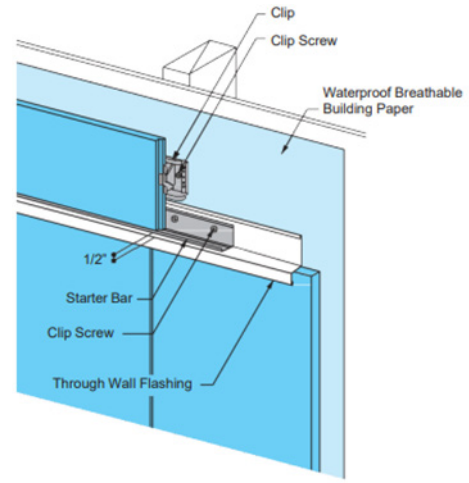
We require a through-wall flashing and starter bar maximum every 20 feet in height for horizontal panel, and every 10' in height for vertical panel.

For horizontal application secure the top (ripped) edge of the bottom panel below the flashing by face fastening it to the framing 1-1/4" below the panel cut edge. Use CERACLAD face fasteners spaced every 16" o.c. and include a 15mm spacer block behind the panel. (Refer to page 14 for Face Fastening Instruction). Securely attach the flashing at each stud location using appropriate fasteners.

For vertical application, securely attach the flashing at each stud location using appropriate fasteners. Be sure to install a clip within 3" of panel edge at through wall flashing, face fastening not required at bottom panel edge below flashing (vertical panel only).

Adhere to the instructions provided by the Weather-Resistant Barrier (WRB) manufacturer for moisture management best practices and proper detailing of flashings.





Installation Details – CERACLAD Preformed Corners Installation

Begin by installing CERACLAD Preformed Corners before proceeding with panel installation. Note that corners should not wrap around window heads and sills.

18" Corners for Horizontal Panel Application:

CERACLAD 18" corners have ship-lapped edges for easy installation and connect seamlessly with the starter bar and corner clip.

Securely attach the starter bar to the framing/sheathing on both sides of the wall where the Corner will be placed.

Place the CERACLAD 18" Preformed Corner on the Starter bar, ensuring the bottom ship-lapped edges intersect with the starter bar lip.

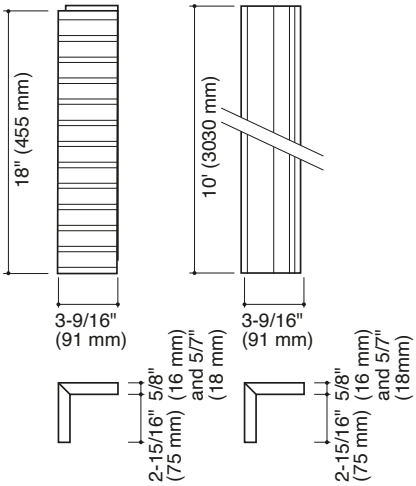
Fasten the corner top shiplap securely to the substrate using corner clip and appropriate clip screws. Ensure the Corner piece is plumb and level. Shim if necessary.

Stack and secure additional corners on top of each other with the same method to the desired height. Cut the last Corner piece to the appropriate height and face fasten it over a 15mm Spacer block.

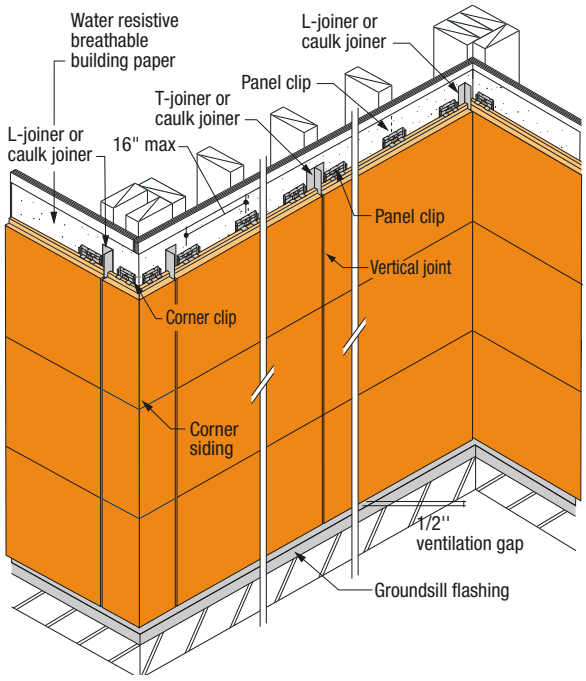
Add the specified joiner or trim on both sides of the corners extending from the top of the wall section to the Starter bar and screw to the substrate.

Refer to CERACLAD Caulk Joiners for Horizontal Panel Application on page 17.

Corner clip (B101153)



HORIZONTAL APPLICATION



Installation Details – CERACLAD Preformed Corners Installation

10' Corners for Vertical Panel Application:

Begin by installing the vertical starter bars, which will hold both the panels and the pre-formed corners at bottom 18" flat edge.

Place the corner tool at the intersection of the two installed starter bars, as shown below. As part of the package, you will find one corner tool along with five starter bars.

Vertical corners are face fastened only; corner clips are not used.

To provide backing for the pre-formed corner and vertical panels, install spacer blocks or pressure treated furring strips behind the joint. Predrill corner/panel with pilot holes at least 1-1/4" away from any panel edges for face fastening.

Face Fastening Spacing:

Edge of panel adjacent to outside corner: 16" on center.

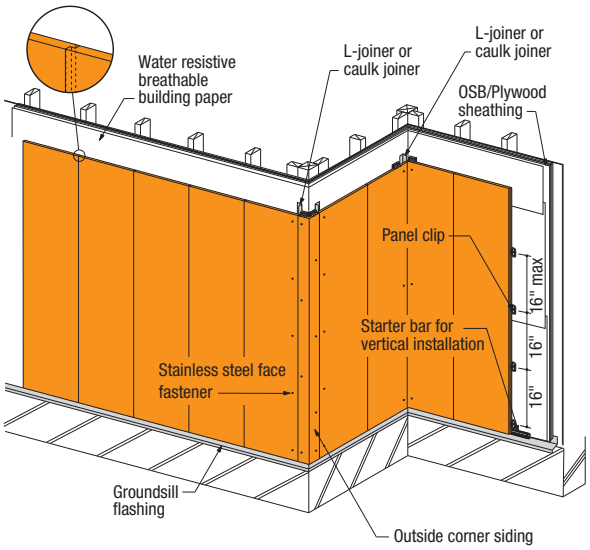
Preformed Corner:

(a) For parallel installation on both sides: 20" or less.

(b) For staggered installation on both sides: 12" or less.

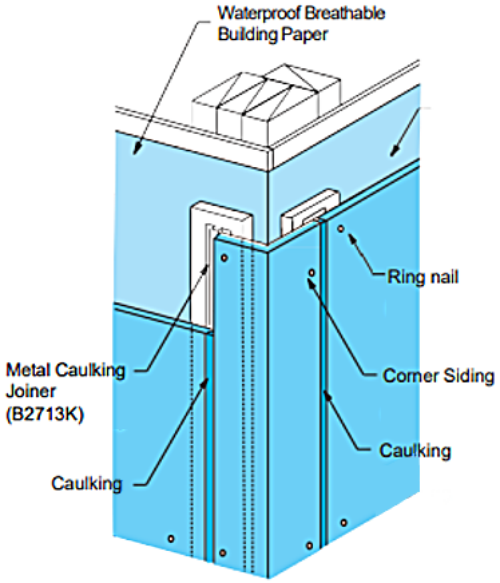
Refer to Face fastening on page 14 for more instructions.

VERTICAL APPLICATION



Remove the panel bottom shiplap edge of the first panel installed at the pre-formed corner.

Continue panel installation in one direction down the wall with the top ship lap as the leading edge.



Installation Details – Window Sill, Jamb and Head Flashings

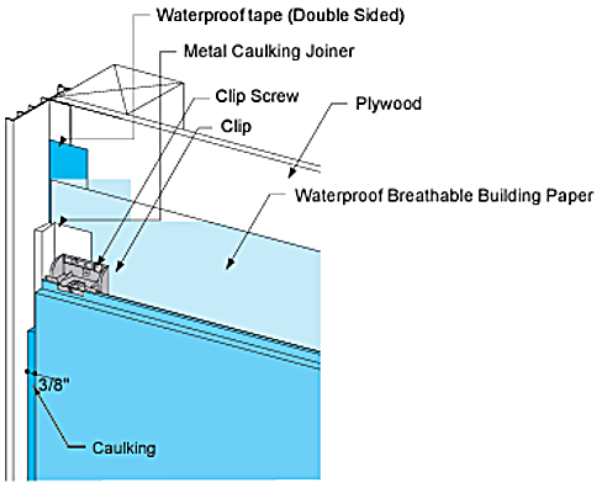
The standard method of installing CERACLAD panels at the window jambs and sills is to seal the window to the panel end using single flange caulk joiner and an approved sealant.

Alternate methods include 3rd partly aluminum trim or brake metal J-trims around windows.

CERACLAD panel system depth is 1-1/4". Windows that project less than 1-1/4" from the substrate require an exterior metal extension jamb for siding termination. Joint type to be specified by architectural or envelope designer.

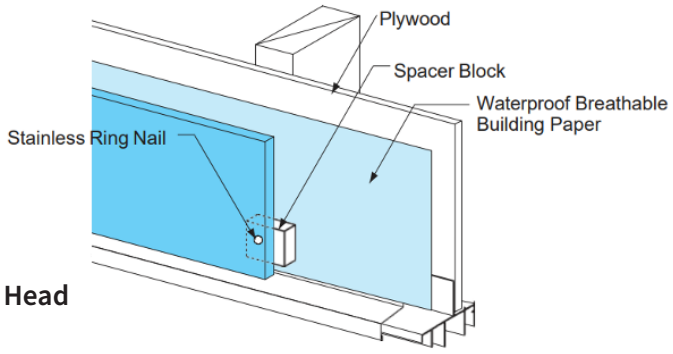
Windows should always be finished with a head flashing. Do not use Horizontal J trim at the bottom edge of the panel since its exterior flange can catch and hold water.

For Recessed Windows: Install the window manufacturer's sill flashing/extension attachments or other flashing cap where the panels will terminate. This will ensure the edges of the panels have a termination at the sill and jambs.

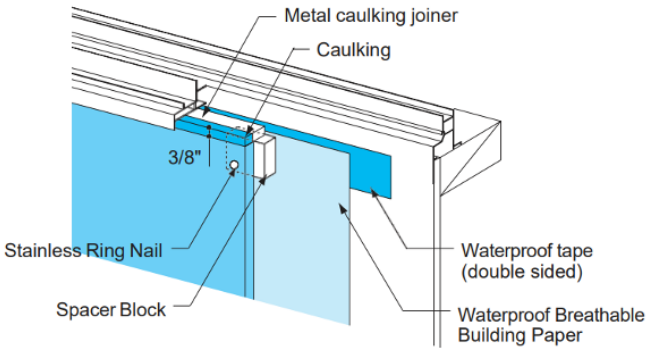


Jamb

Horizontal Panel Application

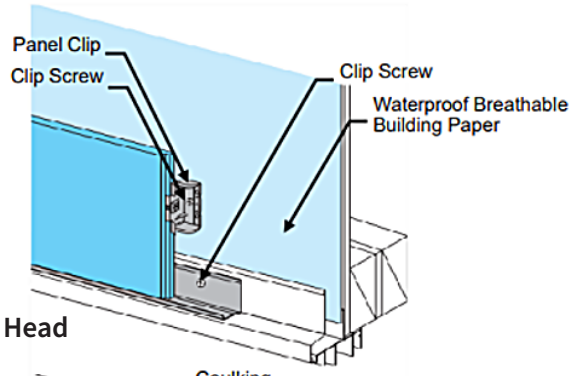


Head

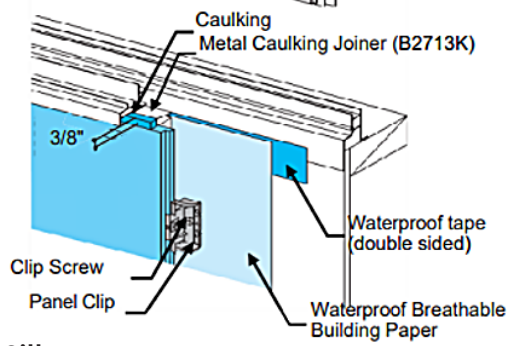


Sill

Vertical Panel Application



Head



Sill

Installation Details – Other Details

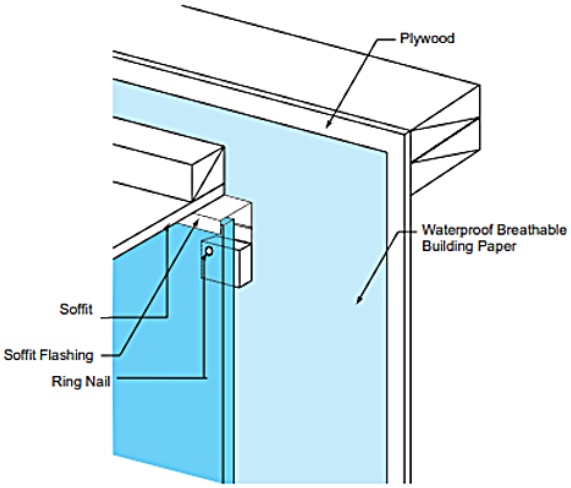
Top of Wall

Install the panels to have 1/4" space between the soffit flashing and the panel.

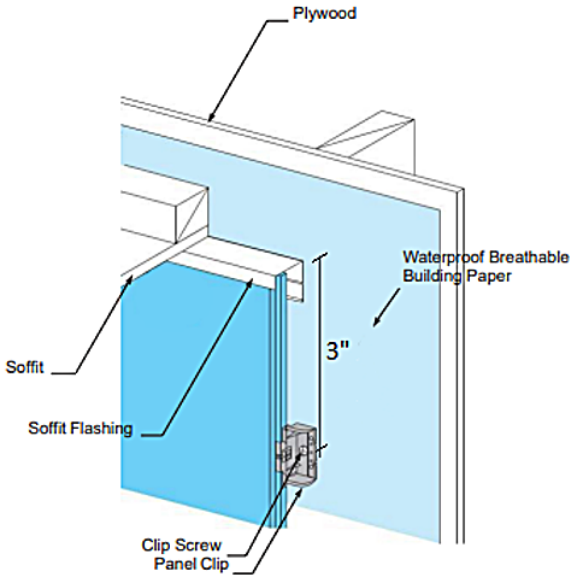
For Horizontal application install spacer blocks or pressure treated furring, predrill pilot holes at least 1-1/4" from the edge and fasten the panel with ring nails or face screw every 16".

For Vertical application install top panel clip within 3" of the top edge, no face fastening is required.

Horizontal Panel Application

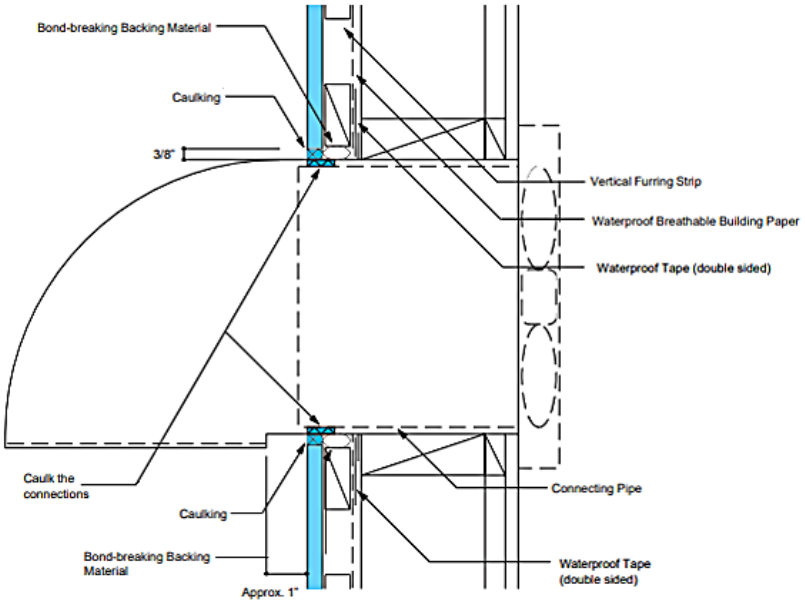


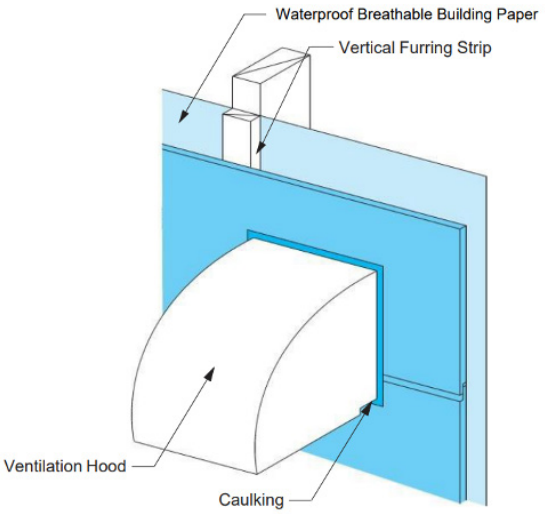
Vertical Panel Application



Ventilation Ducts

Keep 3/8" between the ducts and the panels and apply caulking. Project the exhaust cap at least 1" from the siding panel surface.





Touch-up Paint

⚠ Please read before proceeding

- Paint should be finished within the same day of mixing the paint ingredients. If the application cannot be completed within the same day, be sure to finish painting within 24 hours of applying the primer.
- Failure to follow the procedures below can result in poor color matching and may cause repaired portions to discolor over time. Please note that we assume no responsibility for such a case.
- Use no caulking materials in touch up repairing. Caulking used for touch-up will fade over time.
- Although the solid paint base may appear hard, it will work properly after vigorous mixing with the liquid hardener.
- Please refer to the material identification key to identify the ingredients.

Material Identification Key.


Blue Label: **Paint Base**


Red Label: **Primer**


Green Label: **Hardener**

- Follow these directions when applying touch-up paint.

1) Preparation

- Ensure that the siding surface is completely dry. Avoid painting when it is rainy and wet or the temperature is 40°F or less.
- Clean dirty painting portions.

CAUTION: Be sure to finish application within a day, if possible, as both the primer and the paint have a working life.

Touch up Paint Kit

2) Mixing of touch-up paint

- Pour the entire bottle of hardener into the base paint bottle. Shake the bottle well.
- The mixed paint is susceptible to air humidity; be sure to close the lid tightly after mixing and agitation.
- The mixed paint should be used after 30 minutes and within 8 hours of mixing.

CAUTION:
- For best results mix the entire quantities of the two bottles. Incremental mixing may result in poor performance.
- Leave the mixed paint alone for 30 minutes after mixing to stabilize the color tone.
- Apply the mixed paint within 24 hours after applying the primer.

3) Primer application

- Avoid dripping during application. In case of dripping, remove it immediately with a clean cloth.
- The primer is susceptible to air humidity; be sure to close the lid tightly after use.

CAUTION:
- For best results, apply sparingly.

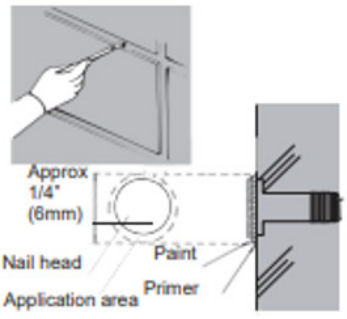
4) Drying

- Allow 30 minutes for the primer to dry.

5) Application of touch-up paint

- The mixed paint should be used after 30 minutes and within 8 hours of mixing.
- Use the included brushes to apply the paint without dripping.
- Apply the paint over portions applied with the primer.
- Apply the paint within 24 hours after applying the primer.

CAUTION:
- For best results, use the paint sparingly and cover only the nail head.
- Prime all locations before painting.



6) Inspection

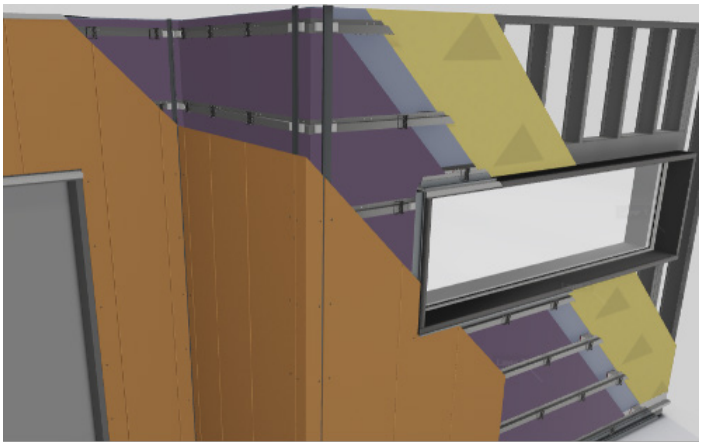
- Check for uncoated sections. Paint as needed.

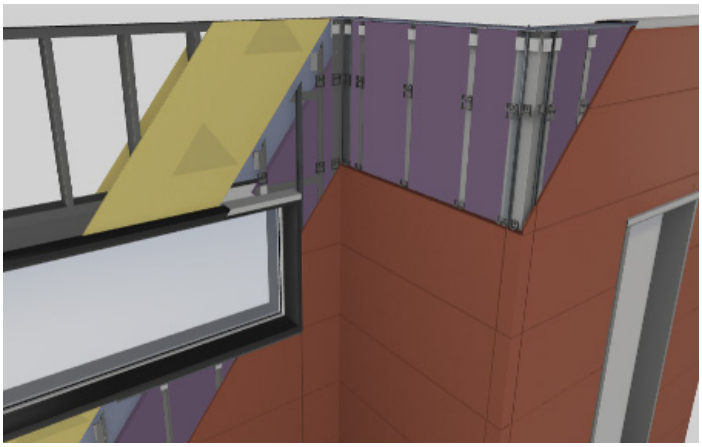
Attaching CERACLAD Over Continuous Insulation

When utilizing exterior continuous insulation, CERACLAD panel clips can be attached over up to 1-5/8" of rigid foam insulation/gypsum sheathing with proper fasteners through to the framing.

For thicker insulations, a structural solution is required to provide secure attachment points for CERACLAD panels, such as a furring grid from a third-party. The following furring materials and attachment specifications are allowable:

- **Proprietary exterior insulation attachment system (e.g., Cascade clips, Knight Wall, NVELOPE, ISOClip, etc.)**
- **Steel hat channel, rails, or Z-shaped furring: 18-16 gauge**
- **Pressure treated wood**
- **Other materials as approved by the project engineer**





For more detailed information and guidelines on installing CERACLAD panels over Continuous Insulation, please refer to the CERACLAD Continuous Insulation Technical Bulletins.

*Disclaimer: KMEW USA is not responsible for the engineering or ultimate design of the attachment support system (ie-furring) for CERACLAD over continuous insulation or any other non-structural substrates. It is important to consider all live and dead loads, insulation thickness, and the applicable building codes for your region when choosing an appropriate sub-framing system and fastening schedule. Please consult your project architect or engineer for further direction.

Index

CERACLAD

Triple-Coated Rainscreen Siding Systems

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