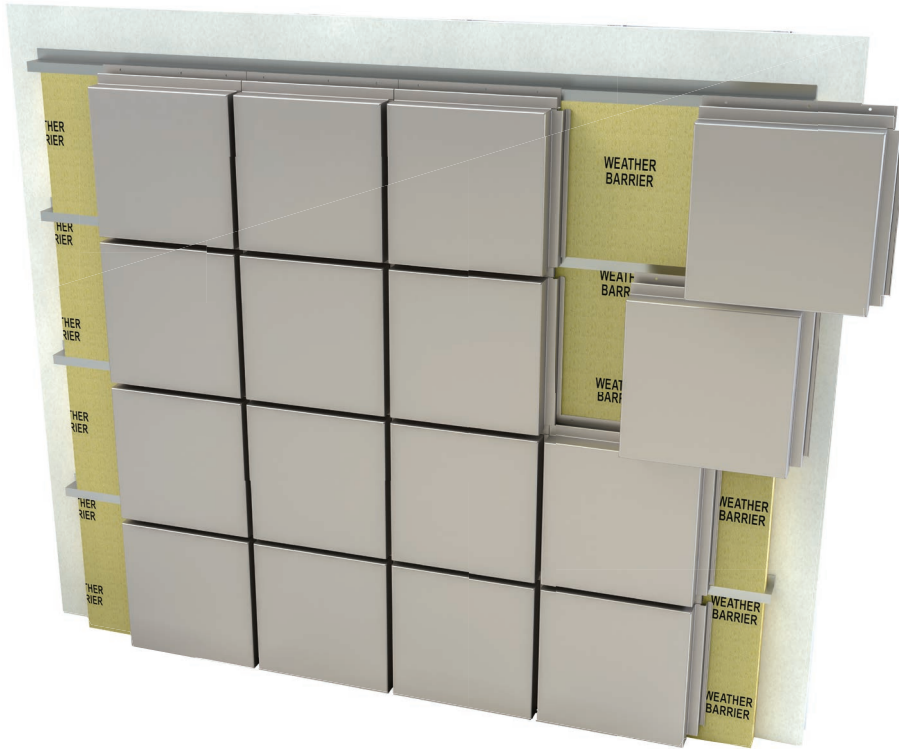


CLADLOCK™

MODULAR PANEL SYSTEMS



INSTALLATION GUIDE

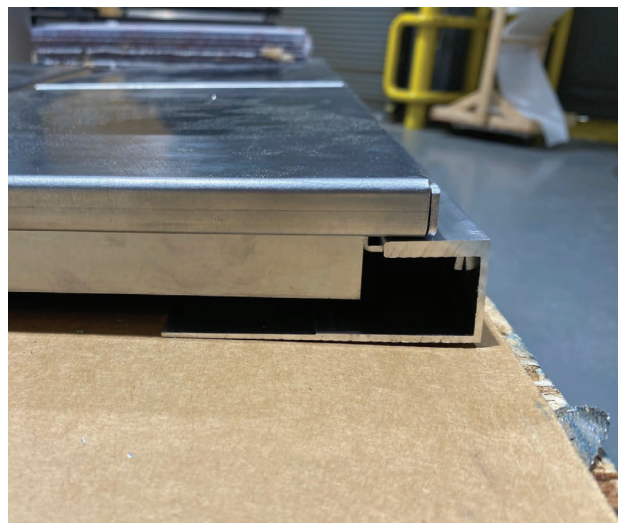
CEI Materials' modular **CLADLOK™** Panel System is easily installed to a wide variety of substrates and subgirt systems. This cassette style plate panel system has all interlocking edges formed from 1 piece of metal and does not require any additional components other than the fasteners that attach it to the wall or subgirt. This significantly reduces installation durations compared to other cladding systems on the market. **CLADLOK™** is a pressure equalized rainscreen system that shields the weather resistant barrier while being visually appealing. Understanding that the drainage plane is behind the panel system is critical to assure proper flashing and waterproofing preparation.

Receiving Your Shipment

Upon arrival of your order, inventory and inspect crates and panels. Be sure to note any damage on the bill of lading prior to the truck leaving. Failure in doing so will make freight claims difficult. Contact your CEI Materials Project Manager immediately for further instructions.

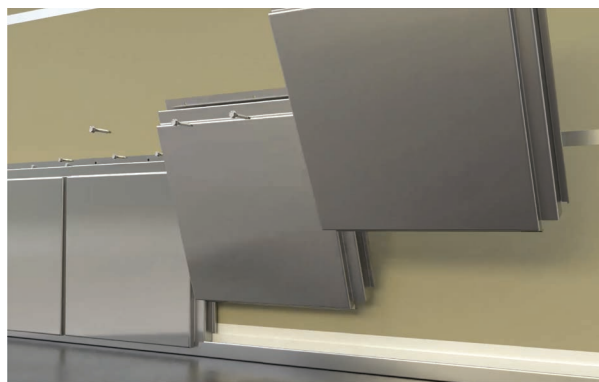
Starter J

It is critical to locate your continuous starter track location. This will be a level line at the bottom of your panel system. The bottom of the starter track is 5/8" below the bottom of your first panel thus creating a joint. The top of the starter track should be flashed to the buildings AVB to divert any moisture. Weep holes must be field drilled according to CEI Materials System details allowing water to escape. Since the starter track has exposed corners it should be mitered and set square. A miter saw with a quality aluminum blade is best for making the cuts to the starter track.



Sequencing of Panels and Fastening

The Cladlok Panel System easily installs from left to right on the building. Bottom up installation is required due to fastening points being located only at the top of the panel. It's important that attachment occur at every hole along the top flange of panel. This requires a suitable substrate or girting layout.

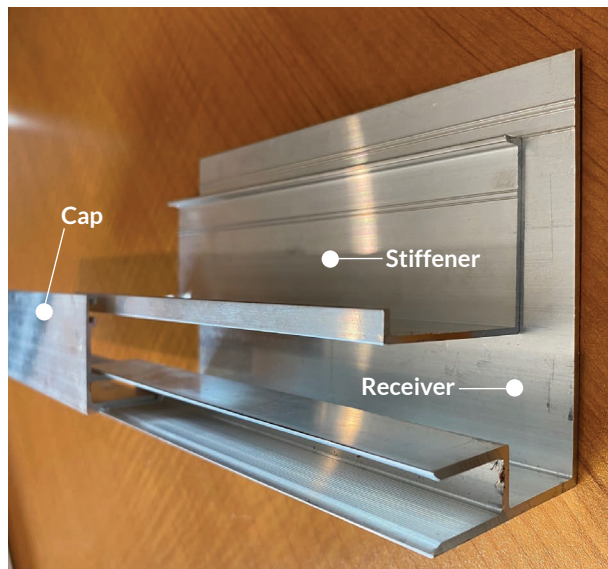


Field Cutting

When field cutting utilizing either a jig saw or circular saw, select a fine blade. For a jig saw a 20TPI blade will cut very clean and not burh the cut edge. For a circular saw a 7 1/4" blade with a 40t will be your best option. Blades are available specific to non ferrous metals that have less of a rake on the tooth. Cladlok panels are formed from 3003 aluminum typically and because of the softness of the metal, it cuts well.

Termination Extrusions

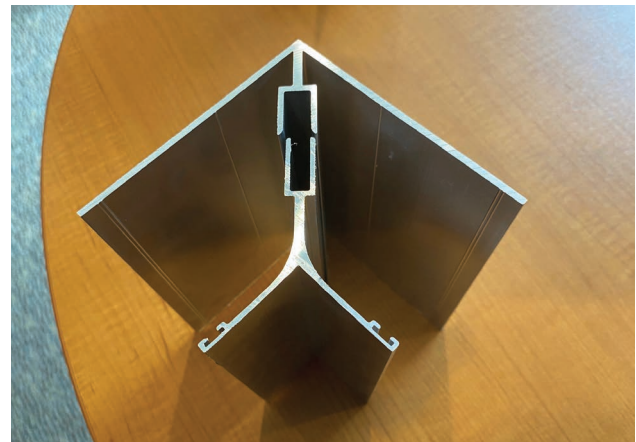
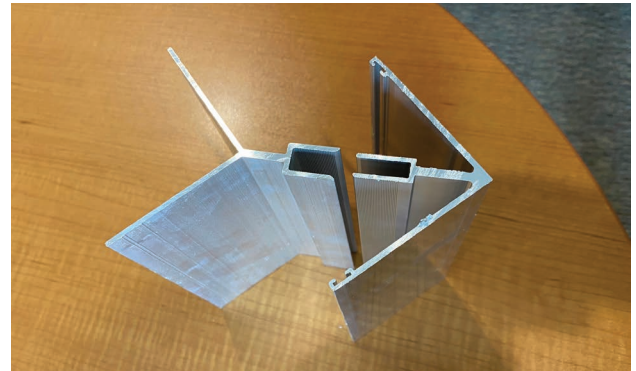
The Cladlok system can be ordered with extrusions for panel terminations as opposed to break metal trims or formed corners. The extrusions are painted with the panels and match the panel system. Our termination extrusion will have a receiver, stiffener and a cap. These 3 components create a clean termination from any panel that is field cut. It also creates a margin at the terminations that proportionally looks great. Two extrusions can be used to create outside corners and offer a lot of flexibility for the installer. Overall schedules can often benefit from this method because standard size wall panels can be ordered without as-built measurements driving the design. The single line on the receiver extrusion is for the stiffener alignment. The double lines are for reference while fastening screws.



Formed Corners vs Extruded Corners

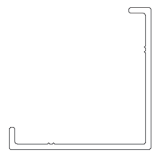
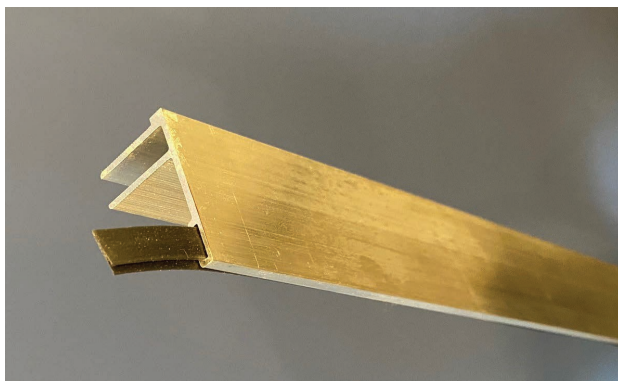
Outside corners are handled in 2 ways. Formed outside corners require precise layout because they will wrap to the next elevation. Another option is an extruded 2 piece corner allowing the ability to use standard size panels that will be field cut at terminations. Inside corners are 2 panels that abut on the inside corner extrusion. In either the inside or outside corner detail utilizing extrusion, a

receiver is mounted to the substrate or girt then panels cut and a cap installed into the preset receiver. This method simplifies the layout requirements from 1 elevation to the next. It also allows for more flexibility with using standard size panels.



Installing The Gasket

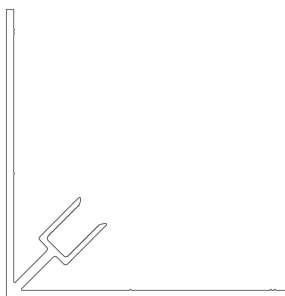
Whenever extrusions are used we will send 12' lengths. The gasket will ship in a separate box to the site. The gasket is easily installed after cutting extrusion to length by dipping gasket in soapy water and sliding into the cap prior to engaging into the receiver. All extrusions use the same gasket profile allowing for interchangeable use. Gasket material comes standard black in color.



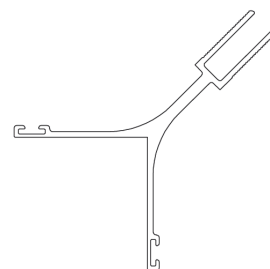
CEI Part #: STF-1



CEI Part #: STR-1



CEI Part #: IC-1



CEI Part #: IC-2

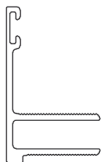
Care and Maintenance

Panels may be washed down with mildly soapy water. Abrasive, highly acidic or harsh chemicals should not be used. In the unlikely event a panel needs to be replaced, consult CEI Materials directly.

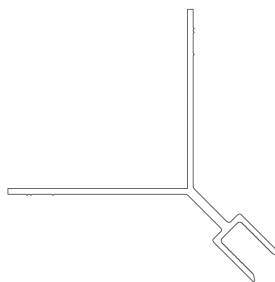
Components List



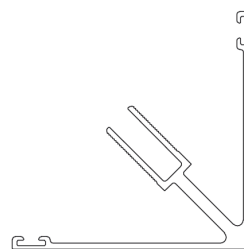
CEI Part #: T-1



CEI Part #: T-2



CEI Part #: OC-1



CEI Part #: OC-2



CEI Part #: GSK-1

CLADLOK™
MODULAR PANEL SYSTEMS

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