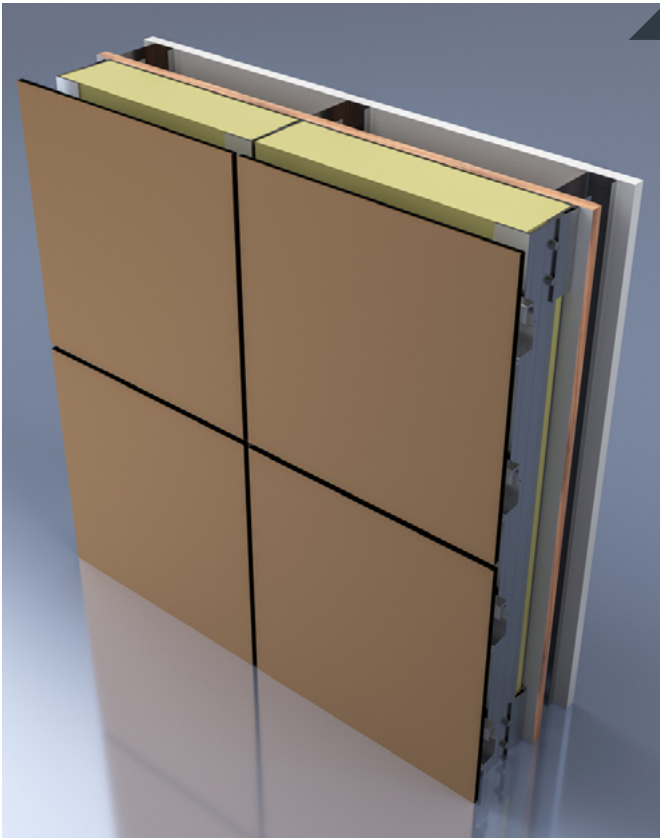


C2000

Installation Guide



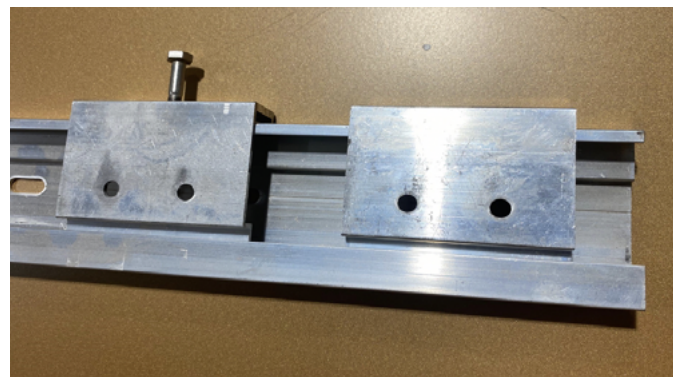
CEI Materials' C2000 panel system is easily installed to a wide variety of substrates and sub girt systems. Flat panels have factory installed clips on the backs of the panels that are preset to align with the installation drawing rail layout. Panels are fabricated to custom sizes based off the clients requirements and easily installed.

Adjustable Clips and Fixed Clips

Each panel will have 2 clips near the top that have adjustable set screws. Through minor adjustments panels can be adjusted to align perfectly. The rest of the clips on the panels are fixed clips. They do not have a set screw and should not bottom out on the rail. These clips hold the panel in plane on the wall but still allow for thermal movement. Once panel is set correctly silicon sealant can be used between clip and rail which will keep panels from moving after install.

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 chip the cut edge. For a circular saw a 7 ¼" blade with a 40t will be your best option. Cutting from the back side of the panel will eliminate scratching and edge chipping.

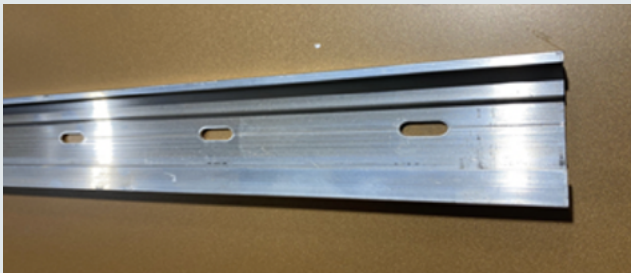


C2000

Installation Guide

Rail Layout

Each project will have an exact rail layout that must be followed. A dimension will be provided for the bottom rail location off a known point. Then from the bottom rail any additional rails will be specified using running dimensions, this assures proper spacing from 1 location and minimizes potential errors. The rail system will need to be installed perfectly level and using a high quality laser to locate reference points is highly recommended. Installation drawings will be clear but do not hesitate to discuss with your CEI Materials project manager prior. Once the rail system is installed correctly panels simply hang and progressively install from bottom up. Rail layout will always be from the center of the holes that screws will be attached through. That will also correspond to the holes on the clips that attach to the back of the HPL panels.



Moving A Clip

Factory installed clips can be moved if required. The rivet nut can be backed out counterclockwise with a nut driver and a new hole drilled. Hole depth is critical and requires a depth guide to assure you do not drill through the face of the panel. A rivet gun is used to install TSX anchors that hold clips in place on the back of panel. Each clip requires 2 fasteners into back of panel.

