

Installation Guide

TerraClad[™]
Architectural Cladding Systems



Boston Valley Terra Cotta

Recomended Installation Tools

Tape Measure
Level
Utility Knife
Screw Gun
Plumb Line
Slotted Screwdriver
Rubber Mallet
Putty Knife

Check Surface Conditions

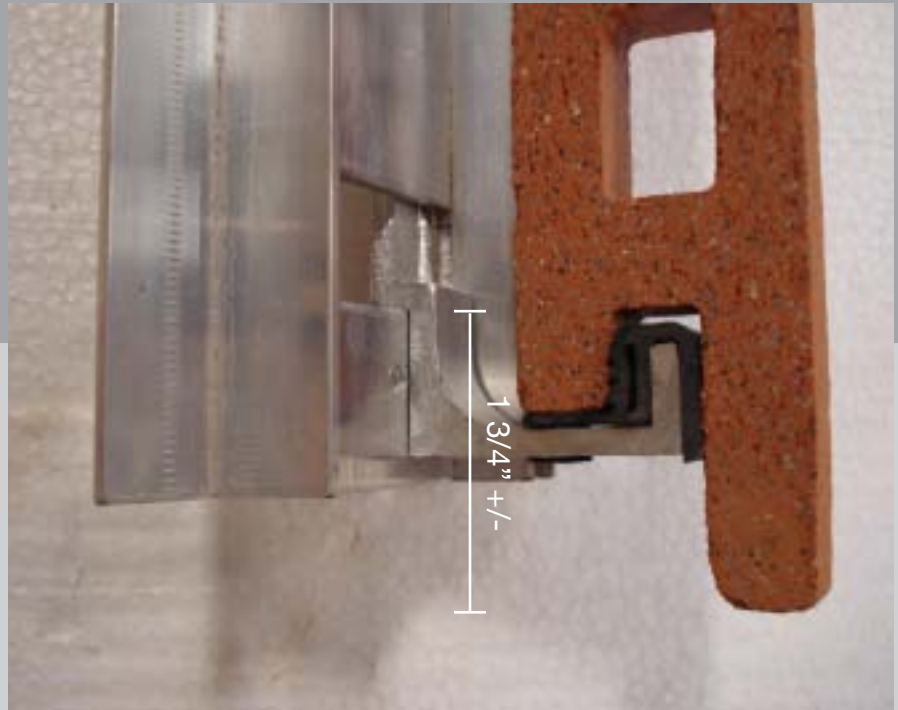


Always check for plumb and level condition of the wall surface prior to installing any portion of the TerraClad™ system. Set bottom of track to align the bottom of the TerraClad™ panel as specified by the construction documents.

Establish Plumb and Level Lines



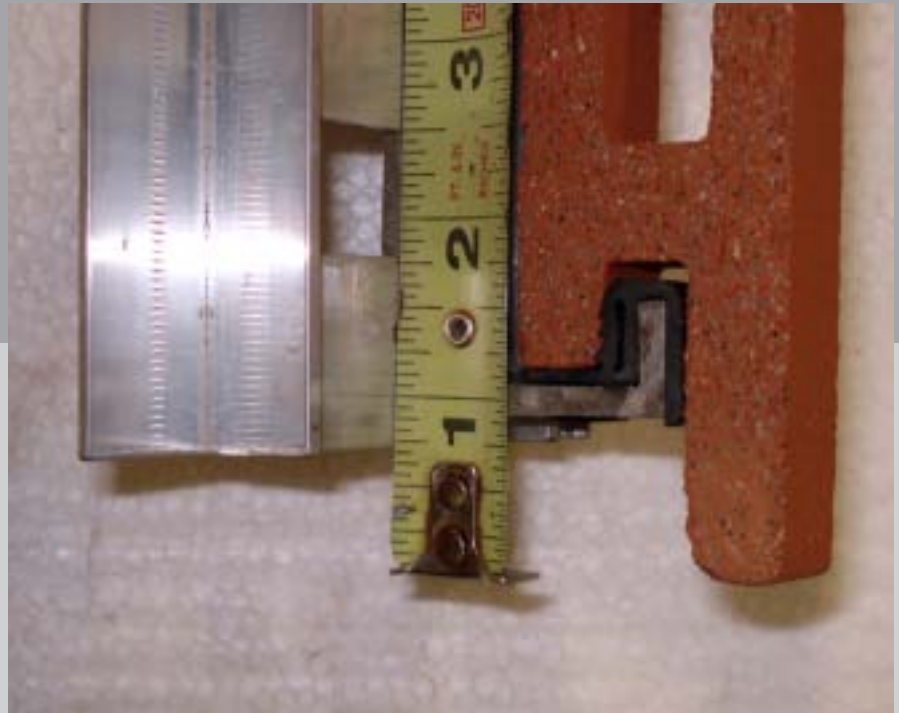
Aligning the Track Vertically



Typically, the dimension from the bottom of the first punch in the track to the bottom of the finished edge of the first TerraClad™ panel is 1 3/4" +/-.

This dimension determines the distance the bottom of the track is set from the adjacent material.

Field Verification



The installer is to field verify before the start of installation.

Isolators: Standard, Bottom and Top

Standard Clip Isolator



Top Clip Isolator



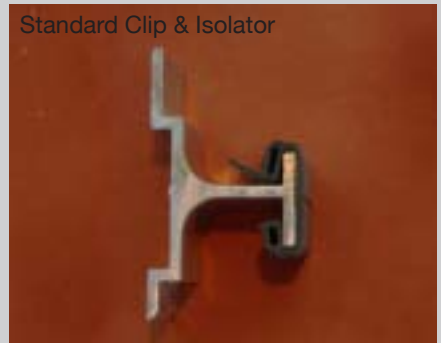
Bottom Clip Isolator



Top Clip & Isolator



Standard Clip & Isolator



Bottom Clip & Isolator



Standard Clip Isolator can be torn at "V-groove" to create Bottom Clip Isolator and Top Clip Isolator.

Installing Vertical Track



Take care to install vertical track plumb and level. It is recommended the vertical track be fastened at 24" O.C. vertically, and 6" maximum from each end.

Checking for Plumb and Level



Plastic shims are used between the aluminum track and steel Z-girt. This is to prevent a possible reaction between dissimilar material and to ensure a plumb track installation.

Verify correct track placement by leveling across top flange of clips.

Track Installation



The horizontal distance between each track depends on the length of the TerraClad™ panel specified. Typically the centerline of the track matches the centerline of the vertical joint. The installer is to field verify centerline dimensions provided on Boston Valley's Setting Drawings prior to installation.

Installing the Vertical Gasket



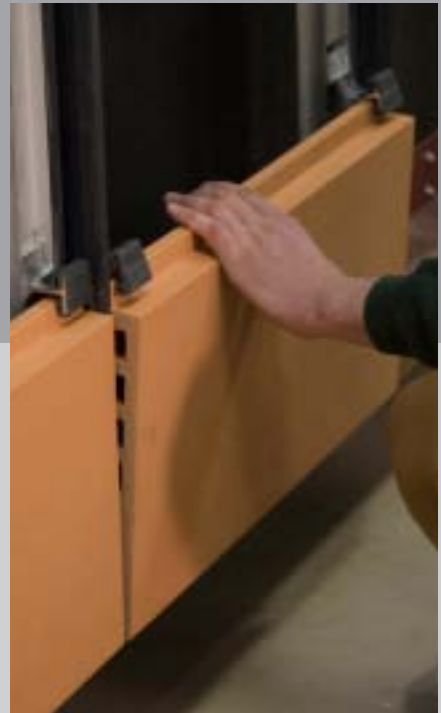
Secure the vertical gasket into the track. Crimp the bottom of the track to prevent gasket from migrating during installation.

Bottom Clip Installation



Insert Bottom Clips into bottom punches and secure with self-tapping screws. Track placement can be verified by leveling across Bottom Clips. Wrap Bottom Clips with isolators. Retain other half of isolator for use with Top Clip.

First Course of Terra Cotta Panels



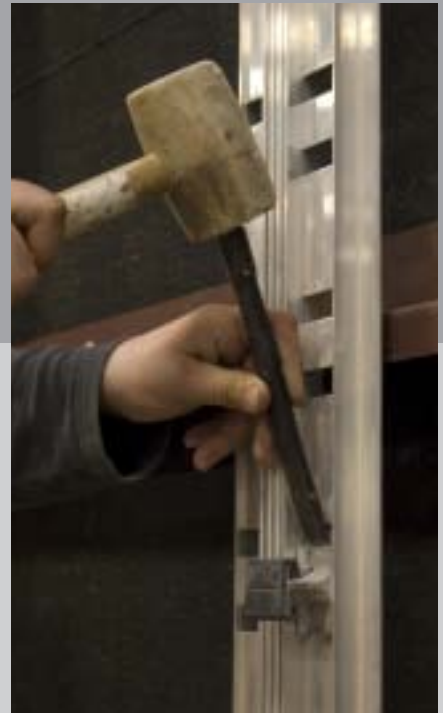
Insert bottom flange of TerraClad™ panel into Bottom Clip with Isolator. Hold panel slightly tipped forward to insert Standard Clip with Isolator into the next set of punched slots. Move panel into an upright position against vertical gasket.

Aligning Vertical Panel Joints



Take care to ensure that the side of the panel aligns properly to form a smooth consistent vertical joint. A rubber mallet may be used to tap panel into alignment for vertical joint spacing. Check panels for level and plumb installation.

Standard Clip Installation



Slide Standard Clip with Isolator down over top flange of panel. Snug Standard Clip down into place by tapping down on the back ridge of the standard clip that is inserted into the track. Tapping on the flange that secures the terra cotta panel is not advised and may result in a bent clip.

Straightening the Vertical Gasket



A putty knife may be used to straighten the vertical gasket between panels if it gets pinched during panel installation.

Installing Panels



Continue panel installation according to steps outlined in the four previous slides.

Top Course and Clip



For installation of the top course of panels, insert bottom flange of each panel into the Standard Clip with Isolator. Tilt panel into an upright position against vertical gasket. Slide Top Clip with Isolator over the track and panel simultaneously until clip fits snug into the top punch of the track, clicking into place. A rubber mallet may be used to tap clip down.

Completed TerraClad™ Installation



Fitting and Leveling Panels



Inclement Weather Installation



Inclement Weather Installation



Replacing a Panel



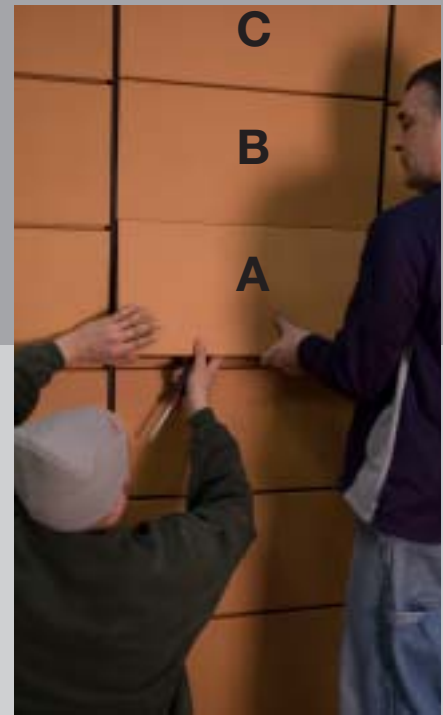
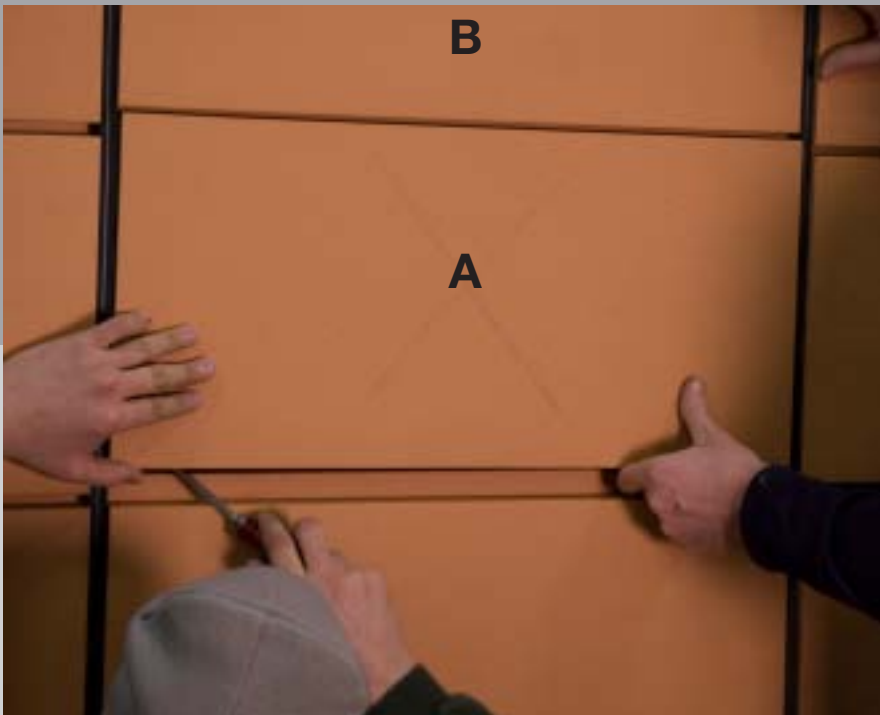
For this procedure, the damaged panel will be referred to as panel “A”, the panel directly above as panel “B”, and two panels above as panel “C”.

Changing Out a Panel



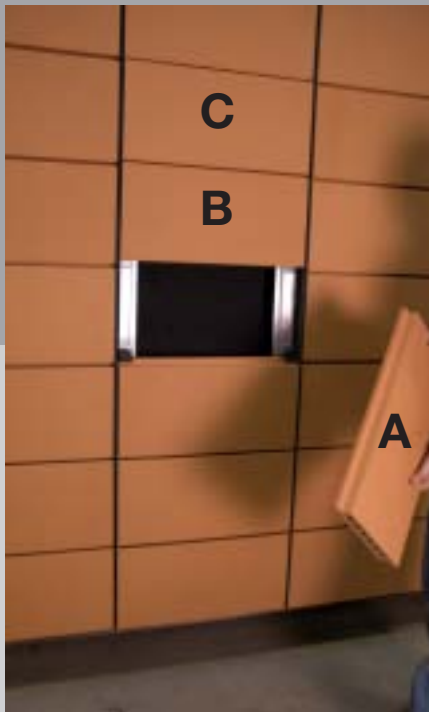
Locate two panels above damaged panel, (panel “C”). Firmly push in an upward direction on bottom of panel “C” at the two points where the Standard Clips are located, until it moves upwards as high as it can go. Use caution as the top edge of the panel may come in contact with the panel above. Without allowing panel “C” to slip downward, firmly push in an upward direction on the bottom of panel “B” at the two points where the clips are located, until the panel moves upwards as high as it can go.

Changing Out a Panel



Without allowing panels “B” and “C” to slip downward, firmly push in an upward direction on the bottom of panel “A” until the bottom flange of the panel clears the Standard Clip. At this point the bottom of panel “A” can be pulled forward, away from the wall. If the Standard Clips at the lower flange of panel “A” move upwards when lifting, they can be pushed downward back into place using a long screwdriver.

Changing Out a Panel



Once the bottom of panel “A” has cleared the clips, the top can be gently pulled downward releasing the top flange. Panel “A” should now be clear of the wall system.

A new panel can be installed by placing the top flange of the panel into the Standard Clips at the top of the opening. The bottom of the new panel can be pushed into vertical position over the Standard Clips at the bottom of the opening.

Seating the New Panel



The new panel can now be seated into the bottom clips by applying a downward force, until the panel is in the correct position. Panels “B” and “C” can now be pulled downward into the correct position and adjusted. Be sure all clips are seated properly in the slots.



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