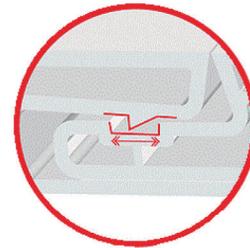


KODIAK PVC PANELS

INSTALLATION GUIDE

This Installation Guide is suitable for 16" (400mm) Kodiak PVC Wall and Ceiling Panels.

Panels



Trims



J-Trim



Multi H Trim



Multi Corner

Male ▶



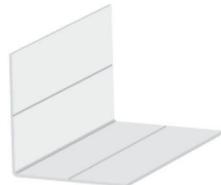
Female ▶



Multi Corner 2pc



Drip Trim



90° Trim

Crown
Base ▶



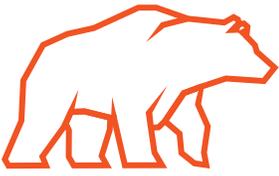
◀ Crown
Cap



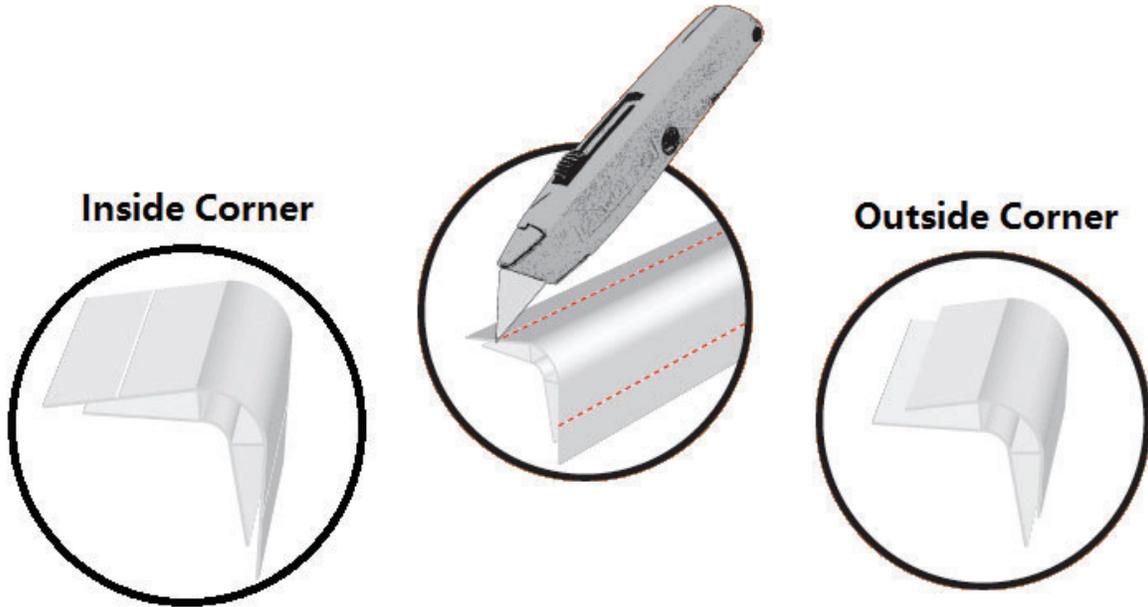
Accessories



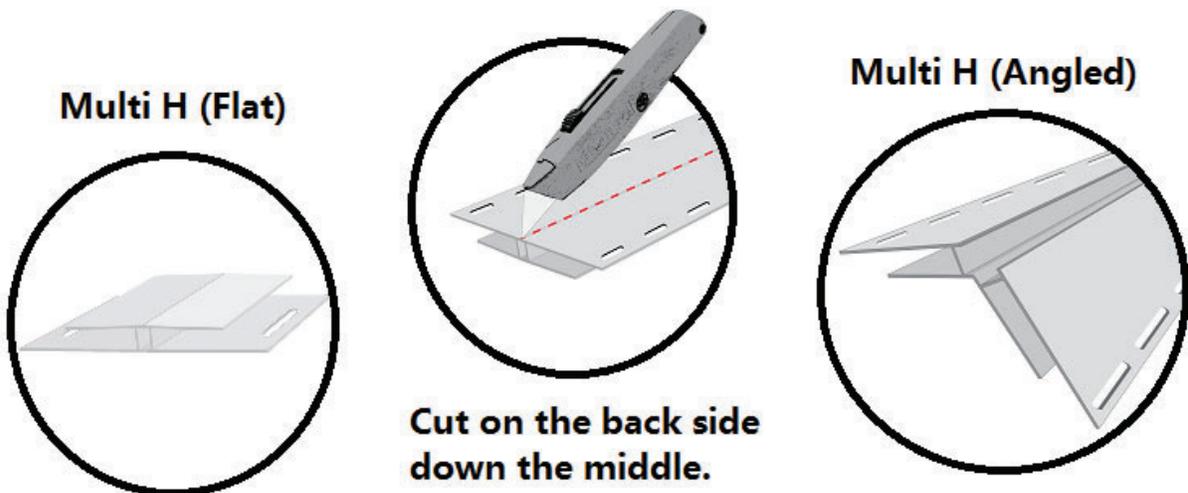
Pancake Head Fastener
#10 x 1"



Multi Corner Trim



Multi H Trim



Please read this entire guide prior to installation as there are different installation methods for walls only (page 4) vs walls and ceilings (page 8).

- ✓ Improper storage will void any warranty due to damage by direct sunlight or not being able to breath in a confined location.
- ✓ If Kodiak panel has been packaged and shipped on a skid, cut all straps and loosen any 2 x 4 so the material is not restricted from expansion in a confined environment.
- ✓ All material should be climatized for 24 hours in the installation location to a minimum of 40 degrees fahrenheit (5 degrees celcius) prior to installation.
- ✓ All radiant heat must be at a minimum 18" (450mm) clearance from surface of Kodiak panel.
- ✓ Provide a clearance at either end horizontally of 1/4" (6mm) for the ceiling. provide a clearance of 1/2" (12mm) vertically at the top of the wall.

Recommended Tools List

Ladders/Scaffolding

Rubber Mallet

Rotary Hammer Drill

Drill c/w Hole Saws

Caulking Gun

Circular Saw with Fine Tooth Blade

Tape Measure

Box Cutter

Battery Drill

Square & Straight Edge

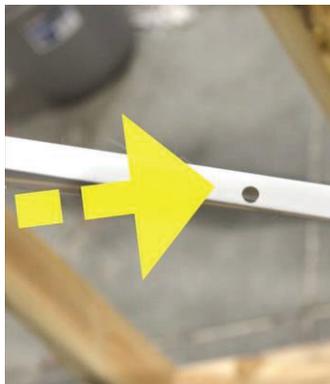
Chalk Line

1. Wet vs Controlled (non-wet) environment:
 - a. Wet environment - Install the Multi Corner trim for the inside corners first. Take the trim to the top of the wall and 1" (25mm) up off the floor. Go to Step #2.
 - b. Controlled environment - Install the Multi Corner Trim for the inside corners first. Take the trim to the top of the wall and to the floor for controlled environment then go to Step #3.
2. If walls are being installed in a wet environment such as a car wash, the bottom Drip Trim or J-Trim needs to be next. You must drill a ¼" (6mm) hole in the bottom of the J-Trim @ 16" (400mm) centers for water drainage when the walls are washed with a power washer (Pictures A & B). For installation, run a chalk line all around the bottom of the floor about 1" (25mm) off the floor or use our plastic spacers to the necessary gap off the floor (Picture C). Install trims at a maximum of 12" centerline between screws.

Picture A



Picture B



Picture C



3. If the walls are installed in a controlled environment (non-wet), then the J-Trim can be installed directly to the floor and no drain holes are required.
4. Install the J-Trim all around the top of the wall at whatever height the wall will be installed. Cut back the face of the J-Trim the same as the bottom J-Trim at each corner (Pictures D & E).

Picture D



Picture E



****Account for expansion with J-Trim****

If the wall is not going to the ceiling, then install the J Trim ½" (12mm) above the height of the panel for expansion of the panel in the J-Trim. If the Kodiak Panel is going to the ceiling, then make sure the panel is cut ½" (12mm) smaller than the opening size for future expansion.

5. Do a physical layout as it may be beneficial to have a panel seam at an obstruction or pipe penetration. If not, then measure the total distance and deduct the width of the 16" panels (400mm) being used so that you do not end up with a small sliver of a panel at one end.

6. If you need to cut the first panel after you pre-measure, then start with this cut panel in the corner with the cut end going inside the Multi Corner Trim and in the bottom track of the J-Trim. Use a level to vertically plumb the first or second panel (Picture F). You will need to “bow” the panel slightly to get it into the top J-Trim as well (Picture G). Carry on installing the balance of the panels with a 24” (600mm) centerline between screws and the top and bottom screw starting at 12” (300mm) (Picture H).

Picture F



Picture G



Picture H



7. If installing in a concrete or block wall, pre-drill with the Rotary Hammer Drill then fasten with appropriate screws with the battery drill. If going into another surface, please ensure you have the correct fastener for the substructure.

****Account for expansion when installing in cold temperatures****

Ensure that you open the gap between each panel with a putty knife to allow for expansion in hotter temperatures.

8. The last panel must be inserted into the slot of the Multi Corner Trim with a putty knife. This will need $\frac{1}{4}$ " (6mm) clearance for expansion so ensure the last panel is cut $\frac{1}{4}$ " (6mm) less than the opening width.

9. If you are mounting a heavy object to the wall such as an electrical box, then you should use the plastic spacers to prevent the panel from being crushed if the screws are fastened too tight. The spacer is just a little thicker than the panel. Drill a hole 1" (25mm) in diameter and fit the spacer in the hole. The inner hole can now receive any bolt or screw up to $\frac{1}{2}$ " (12mm) in diameter and will leave the object just short of hitting the panel.

Turn to next page for WALL and CEILING installation.

WALL AND CEILING Installation

If the project is requiring installation of walls and ceilings, then there are several items that need to be determined first:

- a) Is it a wet environment?
 - i. If so the J-Trim needs to be installed as per Step #2 on WALL ONLY Installation.
 - ii. If not, then J-Trim needs to be installed as per Step #3 on WALL ONLY Installation.

- b) Is it a food safe environment?
 - i. If so, then you need to use the Multi Corner Trim for the wall to ceiling transition.
 - ii. If not, then the assumption will be a 2-piece Crown Trim (Base & Cap) for the wall to ceiling transition.

- c) **Method for Food Safe.** If the Multi Corner Trim is used, then it must be installed first around the perimeter of the wall to ceiling joint. It would not matter after this installation if the wall or ceiling was installed next. If the wall is installed next, then go to the WALL ONLY Installation and start from Item #3 for the J-Trim on the ground.

2. When the ceiling is installed you will first need to determine the direction of the ceiling panels.
 - i. If the panels are running the length of the room and perpendicular to the trusses, then you **MUST make sure that you received Multi H Trims** to join the lengths together.
 - ii. If both the panels and joists are running the width of the room, then a sub-frame needs to be installed at 24" (600mm) centers. Once the sub-frame is completed, proceed to install the ceiling panels as in Item 3 (Picture I).

Picture I



3. Start at one end and clip the end of the panel into the Multi Corner Trim that has already been installed. Ensure to pull it back with a ½" (12mm) gap for expansion if installed in cold weather. Fasten to the joists at a minimum of every 24" (600mm). If you do not hit a joist you can add a piece of wood blocking at the end of the panel so the Multi H Trim has a fastening point. Keep with this procedure until the last panel needs to be cut leaving the ½" (12mm) gap when it is slid into the Multi Corner Trim.

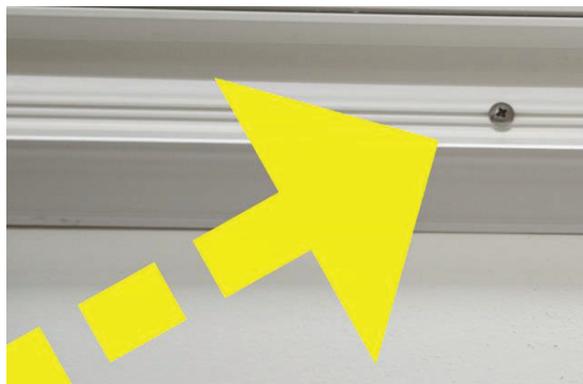
Now it is time to install the wall panels. You can install the wall panels exactly as per the section **Installation for WALLS ONLY.** The only difference is that the panel will be inserted into the track of the Multi Corner Trim instead of the J-Trim at the top. Everything else is the same.

4. **Method for Regular Installation.** Install the ceiling without any trim at the junction of the ceiling and wall. Ensure you leave the required clearances at each end for future expansion if installed in cold weather. After installation of the ceiling panels, install the J-Trim based on the method of whether the J-Trim goes all the way to the floor or not. Once all the wall panels are installed (as per WALL ONLY Installation) then you need to go back and install the Crown Base and Cap. Pre-measure and miter cut for each corner with the base and cap installed together (Picture J). Install the Crown Base first and ensure the screw is fastened in the little track (Picture K). This will allow the flex piece to not have any bulges. Then slip in the Crown Cap to cover up all the screws.

Picture J



Picture K



If you have any questions, please contact your sales representative or email us at info@kodiakpvc.ca