MATERIALS

When a Mechanical / Z-Clip fastening system is specified, panels are furnished with uniformly positioned and factory-applied Z-Clips on the panel backs, with clips being located 6" from the top and bottom edges. Additional clips will be spaced along the vertical edges to ensure adequate attachment.

Wall brackets will arrive in their own box with your panel/diffuser order. Z-Bar is available in lieu of wall brackets at an additional cost. Please ask your AVL Representative for details.

Base support brackets and fasteners for wall brackets (or Z-Bar) are to be selected and supplied by the installer.

METHOD

1. Z-Clips are uniformly positioned and permanently attached to the rear of the panels at the factory.
2. Installer is to determine appropriate position for mounting wall brackets (or Z-Bar) and base support brackets. A minimum 1" vertical engagement clearance must be provided between the top of the panel and the ceiling or intersecting surface. This allows for the panels to be slid down to engage with the wall brackets (or Z-Bar).
3. Base support brackets are to be positioned at the start of the run of panels and the panel joints. These brackets help to support the panels and allow for the bottom edges to be kept in alignment.
4. Wall brackets (or Z-Bar) and base support brackets are to be fastened to the wall by the installer using the appropriate fasteners (by others).
5. Installers should have clean hands or wear clean gloves to avoid soiling panel fabric.
6. Panels are to be pressed against the wall and slid down, engaging the Z-Clips into the wall brackets (or Z-Bar).
   NOTE: Lateral movement is possible.
7. Shimming may be required to establish alignment of vertical butt joints.

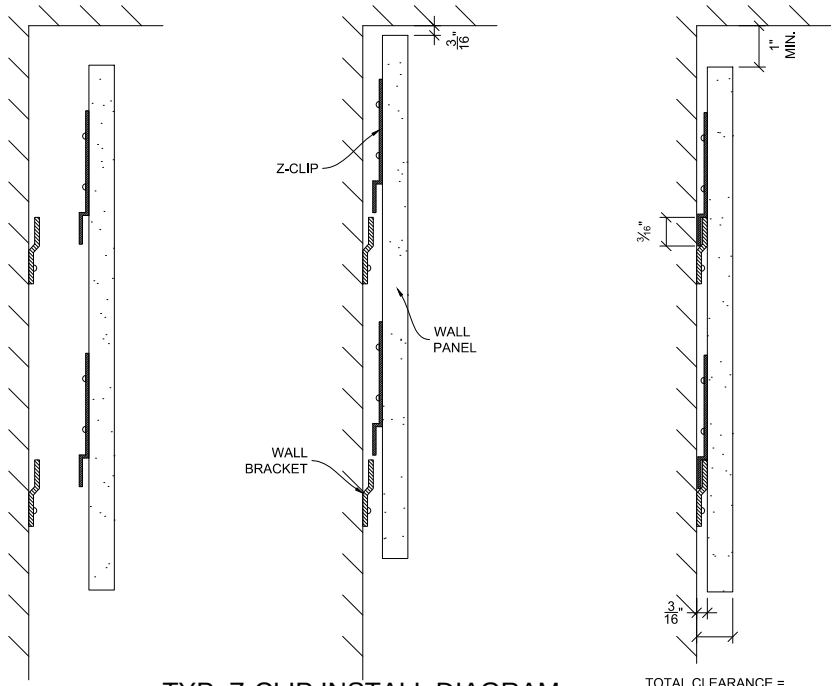
FIELD MEASUREMENTS

Field measurements are the responsibility of the installer.

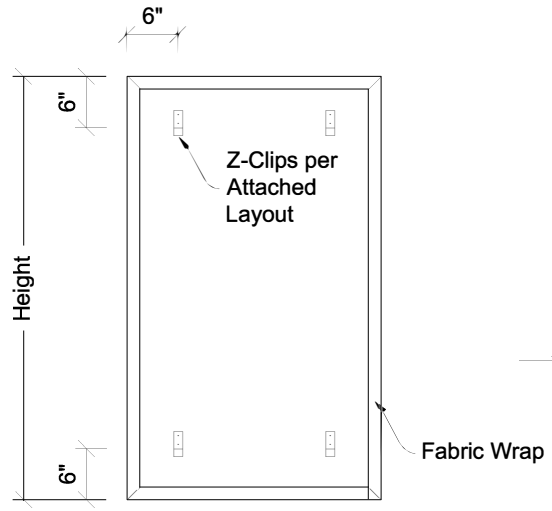
1. Allow a minimum 1" vertical engagement clearance between the top of the panel and the ceiling.
2. Face of the panel is approximately 1 $^{3}/_{16}$" from the wall surface.*
3. Allow for panel thickness of 1 $^{3}/_{16}$" on one leg of an intersecting wall when measuring inside corner.*
4. For an outside corner, the panel on one wall must extend 1 $^{3}/_{16}$" to cover the thickness of the panel on the adjoining wall.*

   * 1 $^{3}/_{16}$" equals clearance for 1" thick panels. For all other panel thicknesses, $^{3}/_{16}$" must be added to panel thickness for total clearance.

NOTE: These instructions are only to be used as a guide. As there are many variant field conditions, it is the responsibility of the installing contractor to recognize these conditions and compensate for them appropriately.

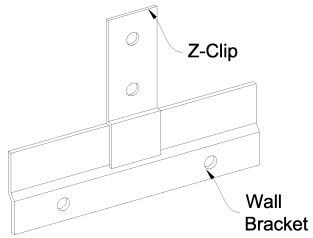


TYP. Z-CLIP INSTALL DIAGRAM



PANEL BACK ELEVATION

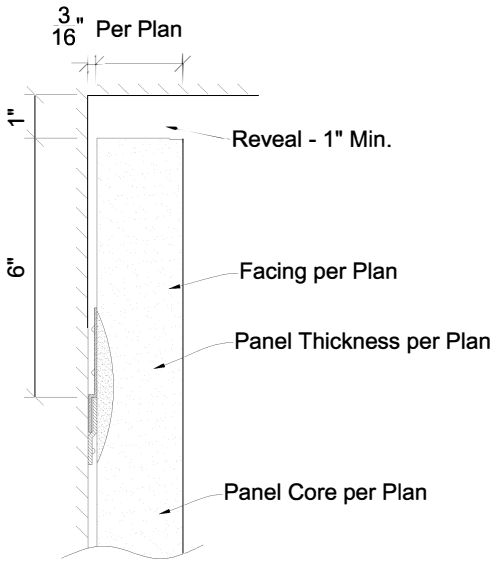
SCALE: N.T.S.
48" x 24" Panel shown for Reference



TYP. Z-CLIP

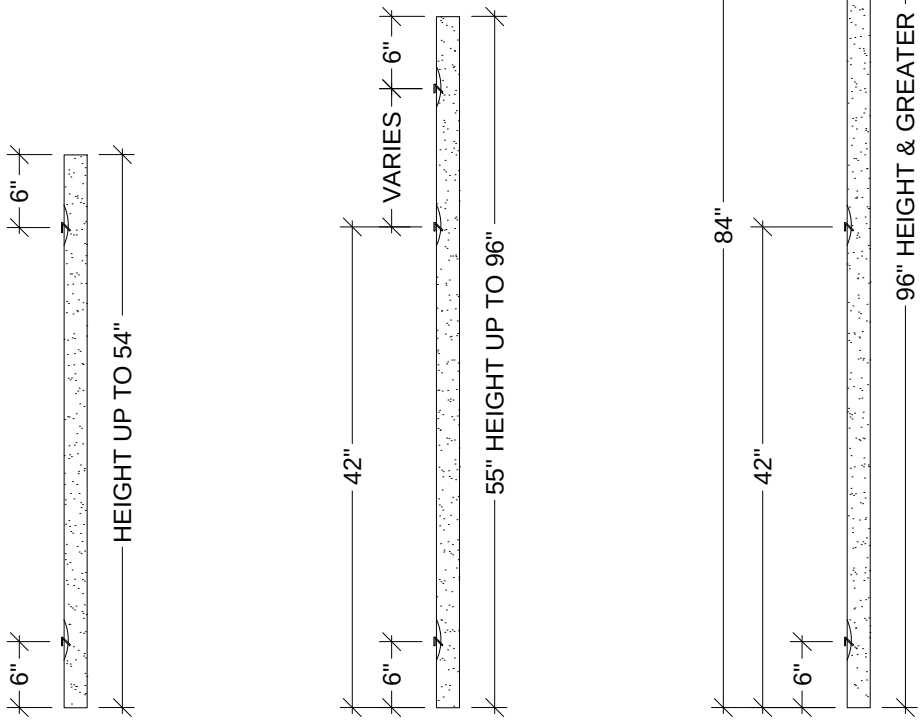
SCALE: N.T.S.

Panel Height	# of Z-Clips
Up to 15"	2 ea. (1 row)
15" - 54"	4 ea. (2 rows)
55" - 96"	6 ea. (3 rows)
96" - 120"	8 ea. (4 rows)
120" - 144"	10 ea. (5 rows)
Oversized Panels 54"W - 60"W	Will recieve 1 extra column of clips



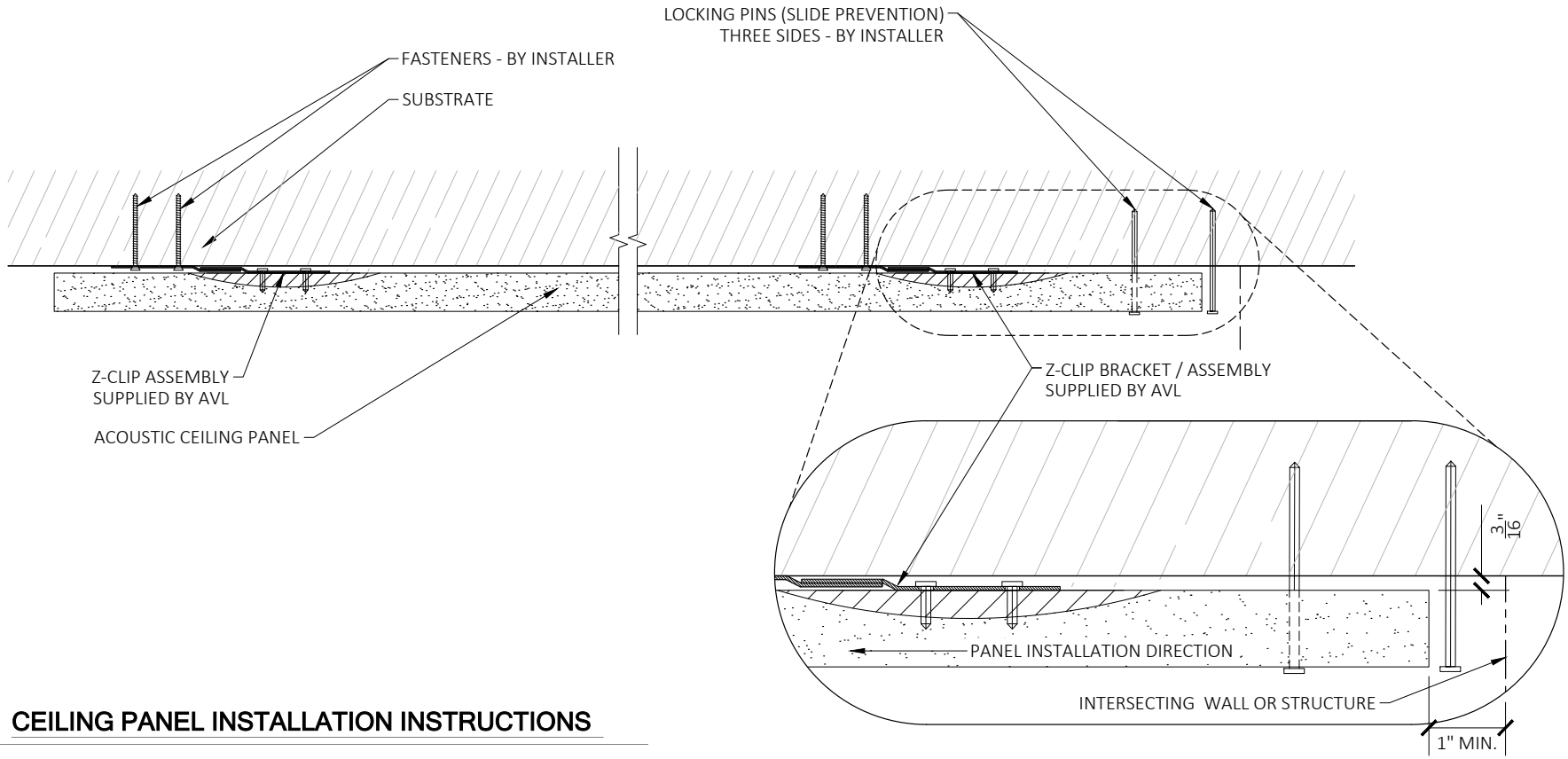
TYP. Z-CLIP SECTION

SCALE: N.T.S.



TYP. Z-CLIP SPACING

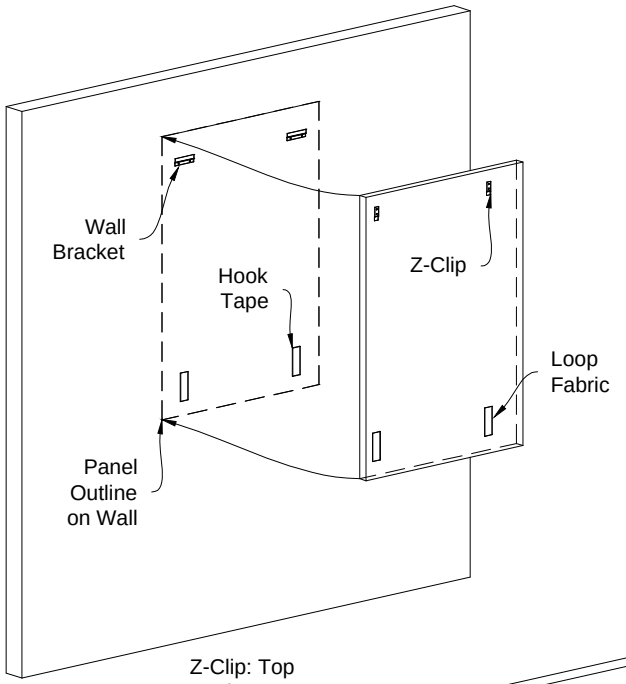
SCALE: N.T.S.



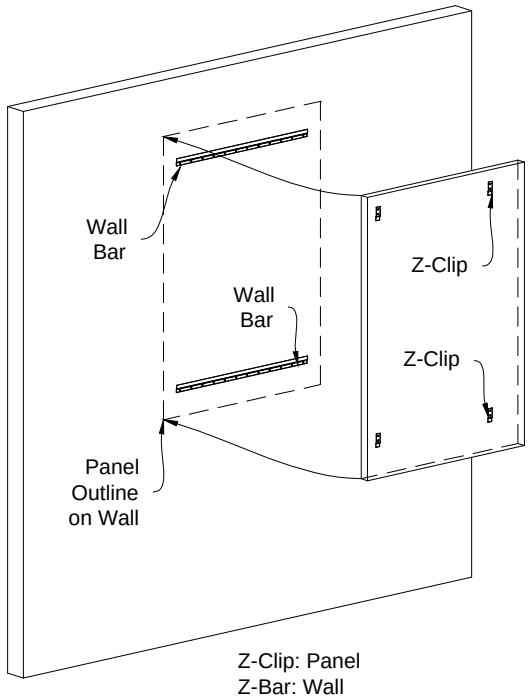
CEILING PANEL INSTALLATION INSTRUCTIONS

1. Z-Clips are attached to the rear of the panel at the factory.
2. Installer is to determine appropriate position for hardware & ceiling panel. Allow a minimum of 1" space between the panel top and intersecting wall surfaces or structures to allow panel to slide into position.
3. Ceiling hardware is to be fastened to the substrate by the installer using appropriate fasteners.
4. Installer should have clean hands or wear clean gloves to avoid soiling panel fabric.
5. Locking Pins / Slide Prevention Pins to be located on three sides or open sides of panels to prevent panel movement / falling.

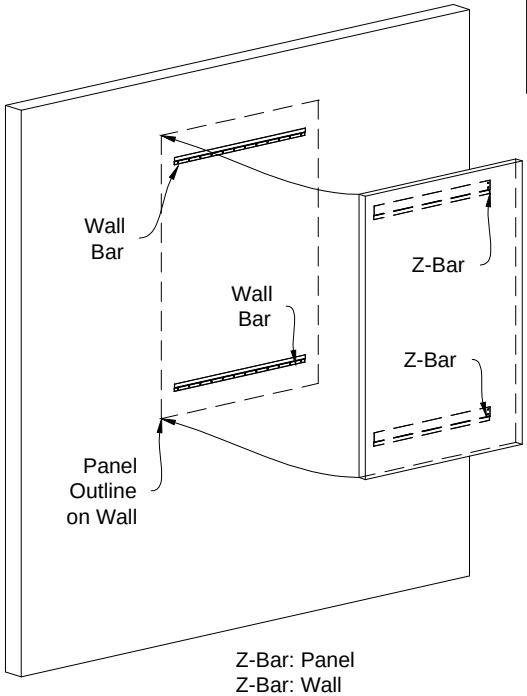
NOTE: These instructions are only a guide. As there may be many variable field conditions, the responsibility for recognizing these conditions and adjusting for them lies with the installer.



Z-Clip: Top
Hook & Loop: Bottom



Z-Clip: Panel
Z-Bar: Wall



Z-Bar: Panel
Z-Bar: Wall