Direct Mount Ceiling Installation
Typical Panel Details featuring Fixed Panel Installation

Designed and Engineered by: Decoustics

www.decoustics.com
sales@decoustics.com

61 Royal Group Crescent, Woodbridge, Ontario L4H 1X9
Main (905) 652-5200, Toll Free (800) 387-3509, Fax (905) 652-2505
sales@decoustics.com, www.decoustics.com
Direct Mounted Ceiling Installation Instructions

1. Prior to installation please check and verify that all required components have been received. Using the attached drawings identify all components received.

2. Check and verify the quantities of components received against the quantities required for the project.
3. Review installation drawings (Suspension Layout and Panel Layout)

**Note** - Suspension layout shown is typical for metal edged panel sizes up to 48" x 48" x 1 1/16" (1220mm x 1220mmx 27mm) thick. For panels exceeding 48" (1220mm), or greater than 1 1/16" (27mm) thick, additional DPC 3 clips, will be required.
4. **Starter Panel**: Note the configuration and placement of the DPC-3 clips. Panel is installed with the DPC-3 clips integrated with the ceiling track rail attached to the drywall ceiling structure (by others). The end clips (DPC-3) are screwed to the substrate ceiling and secured with suitable plastic plugs or toggle bolts.
5. Intermediate Panel: Note the configuration and placement of the DPC-3 clips. Panel is installed with the end clips (DPC-3) over hanging the prior panel and offset to avoid interference with the starter panel clips. The second set of DPC-3 clips are then screwed to the substrate ceiling. This process is repeated for all intermediate panels. Do not butt panels together as tolerance issues may occur (typical gap of 2mm or 1/16" between panels should be left).

End clips to be secured by screws into the substrate ceiling. Use suitable plastic plugs or toggle bolts to secure.

First row of intermediate panels installed utilizing the starter panel installation to support the panel leading edge.

DPC 3 Clips as shown

Note the configuration and placement of the DPC-3 clips. Panel is installed with the end clips (DPC-3) over hanging the prior panel and offset to avoid interference with the starter panel clips. The second set of DPC-3 clips are then screwed to the substrate ceiling. This process is repeated for all intermediate panels. Do not butt panels together as tolerance issues may occur (typical gap of 2mm or 1/16" between panels should be left).

End clips to be secured by screws into the substrate ceiling. Use suitable plastic plugs or toggle bolts to secure.
Intermediate Panel: It is important to note that the placement and installation of direct mount panels. Panels must be installed centered within their allowed opening. This will facilitate a tolerance allowance between panels which can be utilized during installation to balance the placement of panels. This process is to be repeated for all infill panels. Under no circumstances should panels be butted tightly together during installation as tolerance issues may occur.

Intermediate Panel Note: the configuration and placement of the DPC-3 clips. Panel is installed with the end clips (DPC-3) over hanging the prior panel and offset to avoid interference with the starter panel clips. The second set of DPC-3 clips are are then screwed to the drywall ceiling. This process is repeated for all intermediate panels. Under no circumstances should panels be butted tightly together during installation as tolerance issues may occur.
6. End Panel  Note: the configuration and placement of the DPC-3 clips. Panel is installed with the end clips over hanging the prior panel and offset to avoid interference with the infill panel clips. A locking clip is attached to the end panel that mates and locks the end panel to the previous intermediate panel. The second set of DPC-3 clips are aligned and mated with the continuous ceiling track attached to the ceiling substrate. Push locking clip upward with thin tool to disengage panel for removal.

Note: The locking clip must be engaged with the aluminum edge frame. Remove / cut the fabric if it covers the lip of the aluminum edge.

This installation manual provides step by step instruction on the installation of Direct mount ceiling systems. The information is based on the most typical installation scenario. Note that some custom installations may vary, however the installation technique remains the same unless noted otherwise. Please review Decoustics approved shop drawings or contact Decoustics engineering department for additional assistance on all custom designed installations.
7. Single Fabric Panel Mounting

Note: the configuration and placement of DPC-3 clips on the back of the fabric panel. The DPC-3 clips engage the ceiling track mounted to the ceiling substrate (by others). Two spring type locking clips are utilized to ensure that the fabric panel does not disengage from the ceiling track.
8. Multiple Fabric Panel Mounting  Note: the configuration and placement of DPC-3 clips on the back of the fabric panel. The DPC-3 clips engage the ceiling track mounted to the drywall ceiling (by others). Two spring type locking clips are utilized to ensure that the fabric panel does not disengage from the ceiling track.