Ceilencio Custom Ceiling System

Ceilencio Custom
Typical Panel Details featuring Individual Panel
Downward Accessibility

Designed and Engineered by: Decoustics

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Ceilencio Custom Suspension 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.

- Butterfly type B1 (assemble with Hump up)
- Butterfly type B2 (assemble with Hump up)
- Half Multi-angled butterfly HMAB93
- Multi-angled butterfly MAB93
- Type "G" Grid
- Type "F" Grid
- Type "P" Grid
- Lay in light fixture grid
- Type 'PR' Grid

Pre-assembled light frame
Torsion Spring
KFIA Spring retainer (screw on type)
Spring retainer (SR 94) (snap on type)
Splice Plate
Type A screw #10 x 3/8"
Wood Tapping Screw #8 x 3/8"SM & #8 x 1/8Q
TEK screw #8 x 1/2"
3. Review installation drawings (grid Layout and Panel Layout)

(Panel Layout)

Ceiling Grid Location
(Reflected Plan)

Grid Layout Considerations

Note - Grid layout shown is typical for panel sizes up to 48" x 48" x 1 1/8" (1220mm x 1220mm x 29mm) thick. For panels exceeding 48" (1220mm), or greater than 1 1/8" (29mm) thick, additional grid cross members, butterflies, and springs will be required. For wood panels and special acoustic panel types (e.g. REF, STC, etc.), grid, butterflies, and springs will be spaced nominally on 24" (610mm) centers. Please contact Decoustics for any project specific questions that you may have.

Legend

Butterfly type B1
(assemble with Hump up)

Butterfly type B 2
(assemble with Hump up)

Type "F" Grid
F11

Type "G" Grid
G1

24 Panel Item Number

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4. Layout grid and butterfly components on the floor or other level surface, accurately locate and attach the butterflies (hump up) to the long grid members using the #10-3/8" type A screws. Ensure that the orientation of butterflies matches the project drawings. Attach all splice plates as required using tek screws.

5. Assemble pairs or sections of grid into "Ladders" using the shorter grid members.

6. Hang the assembled "ladders" in their final ceiling locations. It is best to handle workable sizes and fasten these members in place by fastening to existing butterflies. (refer to grid layout drawing - sheet 2 in this example)
8a. Locate the spring retainer torsion spring assembly to the interior back edge of the ceiling panel with the centre of the spring receiver aligned with the butterfly.

b. Using a pair of channel lock pliers, or similar, "snap" the spring retainer onto the aluminum panel edge.

9. When installing the ceiling panels engage springs into the butterflies. When all springs on a panel are engaged push the panel up to secure.
11a. Locate the spring retainer torsion spring assembly on the interior back surface of the wood ceiling panel with the centre of the spring receiver aligned with the butterfly.

b. Screw the KFIA spring retainer to the rear surface of the wood panel product in the pre-rilled pilot holes. Make sure to use the #8 x 3/8" tapping screws provided.

12. When installing the ceiling panels engage springs into the butterflies. When all springs on a panel are engaged push the panel up to secure.
Perspective View - Back of Ceiling Assembly to Plenum Shown
Ceilencio Custom Suspension Installation

DETAIL A  
SCALE 1 : 6

- Exploded Perspective at Half Butterfly (Typical)
Ceilencio Custom Suspension Installation

DETAIL B
SCALE 1 : 5.5

Exploded Perspective - Full Butterfly (Typical)