Wood Product Panels Mounted on Ceilencio Suspension

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)
- Type "G" Grid
- Type "F" Grid
- Type "P" Grid
- Lay in light fixture grid
- Type 'PR' Grid

**PRE-ASSEMBLED FRAME**

**TORSION SPRING**

**KFIA SPRING RETAINER** (screw on type)

**ENVIRONMENT:** Wood panels must be stored, installed, and maintained only in a stable ambient environment (relative humidity of minimum 35% - maximum 55%, temperature to be maintained between 20 - 27°C (68-80°F)). Wood panels must be allowed to stabilize on site for 72 hours prior to installation.
Wood product panels faced with Veneer (as shown)

On large size slab type panels, (greater than 36" wide) metal angle stiffeners are incorporated into the rear of the panel in the factory to stiffen the panels.

All torsion spring connectors are attached to the rear of wood product panels with K.F.I.A. spring retainers. Note that mounting holes are typically pre drilled to for the mounting of retainers to suit the grid assembly.

(Wood product panels include Solo M, Fori, and Rondolo.)
All wood product panels must be supported at a minimum of every 24". This is to prevent the warping of product panels when incorporated into ceiling assemblies. **Note: wood products must be allowed to aclimatize to the site conditions a minimum of 72 hours prior to installation.**

Intermediate butterfly pickup point.

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- **Top Perspective View - Wood panel installed into Ceilencio Grid**

  - Typical butterfly grid connection. Torsion spring connectors installed into butterflies provide support for Wood ceiling panels.
Steel Stiffener rails are only incorporated into panels exceeding 36" wide that utilize a slab type construction (not used with Quadrillo).

Note all wood products are directional. Panels must be installed as shown in the installation drawings.

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Wood Product Panels Direct Mounted on to Walls

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.

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(Installation of 5/8" thick wood panels requires the use of 1/2" long Truss Head Screws)

(Quadrillo panels require the use of 5/8" long Truss Head Screws)
3. Review installation drawings (Structural Layout and Panel Layout)

Walltrack Layout (Front View)

- Aluminum Wall track supplied by Decoustics
- Perspective View Front: Wall track attached to structural wall.
- A nominal 3/4" reveal is required at the top of panel installations to allow for engagement of the product on the wall track.

Wall Panel Layout (Panel Layout)

- Wood Panel Attachment to Wall Mounted Wall Track
- Panel Layout, verify panel locations and panel attachment clip positioning. Ensure that all attachment clips will engage the wall track.
- Aluminum clip attached to the back of the Wood Panel supplied loose to be attached to the back of the panel on site by the installer.
- Suitable screws to be supplied by the installer for the attachment of wall track to the mounting surface. (Note: screw attachments must into structural wall supports such as studs.)

Note - Wall track layout shown is typical for wood panel products and special acoustic panel types (ie. REF, STC, etc.) wall track members will be spaced to suit the panel height not to exceed 24" (610mm) centers. Please contact Decoustics for any project specific questions that you may have.

Similarly mounting holes are factory located and pre-drilled in the rear of the acoustic panel. Spacing between clips must not exceed 24" in the vertical and horizontal direction.

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4. Acoustical wood panel products are typically manufactured featuring wood veneer laminated to a mdf core. Pilot holes are pre-drilled for mounting aluminum clipping hardware. The direct mounting hardware must be located and attached to the panel on site prior to the installation of the Wood panel products on the support wall.

5. Aluminum panel clips are attached to the back of the Wood panel with wood screws provided. Typically mounting holes are factory located and pre-drilled. Spacing between clips must not exceed 24" in the vertical and horizontal direction. Note the position and orientation of the Monarch clip placement on the back of the wood panel.
6. When installing Wood panels onto wall track, factory supplied aluminum clips are mounted to the back of the panel utilizing **pre-drilled holes** at a minimum of 24" on center. The panel is then aligned with the wall track mounted on the wall substrate. The aluminum clips interlock with the Decoustics supplied Wall track rails. Note that shimming of the wall track may be required to facilitate the proper mounting of wall panels.

**Arrow #1** - Locate the Wood panel on the wall track. Slide the panel down so that the aluminum clips on the rear of the Wood panel engage the wall track. The panel is now mounted to the wall.

**Arrow #2** - Using the factory supplied vertical spline, locate the spline in the rebate in the edge of the Wood panel. Insert the spline into the rebate and secure it in position.

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7. **Wood panels** are mounted directly onto wall track with factory supplied aluminum clips. The aluminum clips mounted to the back of the wood panel interlock with the site installed wall track. The installation of Wood panels is directional featuring a positive and strong attachment to the wall track substructure. Note that shimming of the wall track may be required to facilitate the proper mounting of wall panels.

**Arrow #1** - Install horizontal spline into the top of wood panels already mounted on the wall (as shown)

**Arrow #2** - Next install a wood panel on the wall above the initial installation as shown. Make sure that all mounting hardware fully engages onto the wall track rails.

**Arrow #3** - Install a vertical spline, supplied by Decoustics, into the rebate in the edge of the wood panel.

Continue installing wood panels in accordance with the step by step instructions until all of the panels are installed and mounted to the wall. For special or project specific details please contact Decoustics engineering support for further information.

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