Wood Product Panel Installation Instructions
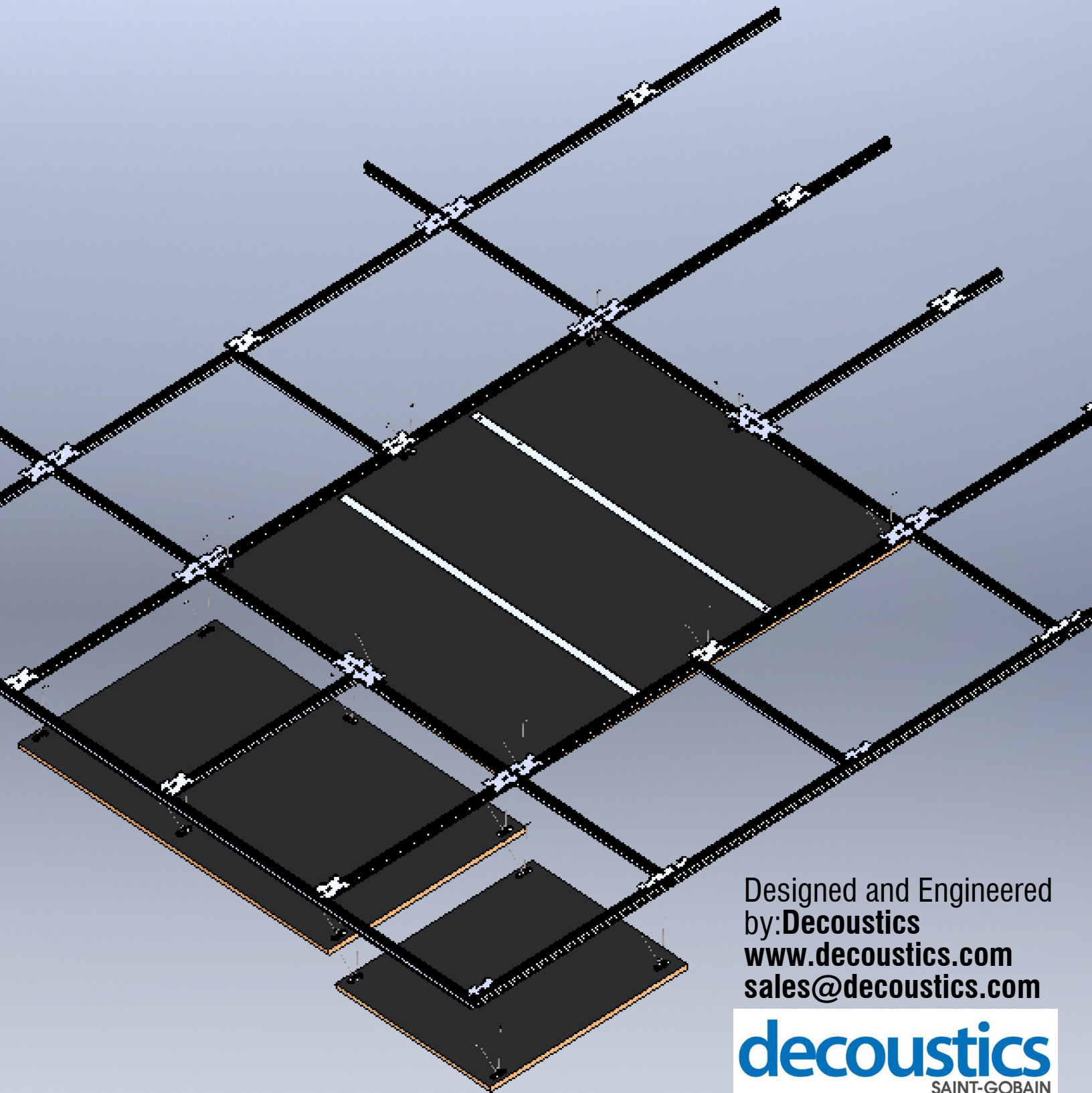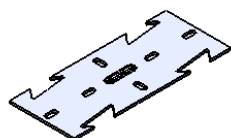
# Wood Product Panels Mounted on Ceilencio Suspension

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.
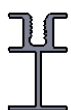
Butterfly type B1
(assemble with Hump up)

Butterfly type B2
(assemble with Hump up)
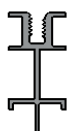
Type "G" Grid

Type "F" Grid

Type "P" Grid
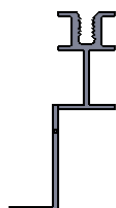
Lay in light fixture grid
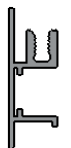
Type 'PR' Grid
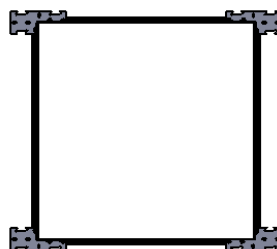
Pre-assembled frame
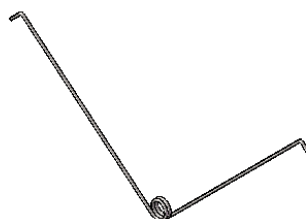
Torsion Spring

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 -27ºC (68-80ºF)) Wood panels must be allowed to stabilize on site for 72 hours prior to installation

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Torsion spring type fastener to mate
with butterfly hardware attached
to the Ceilencio Suspension Grid

Wood product panels faced with
Veneer (as shown)

- Perspective View Underside - Wood Product Panel

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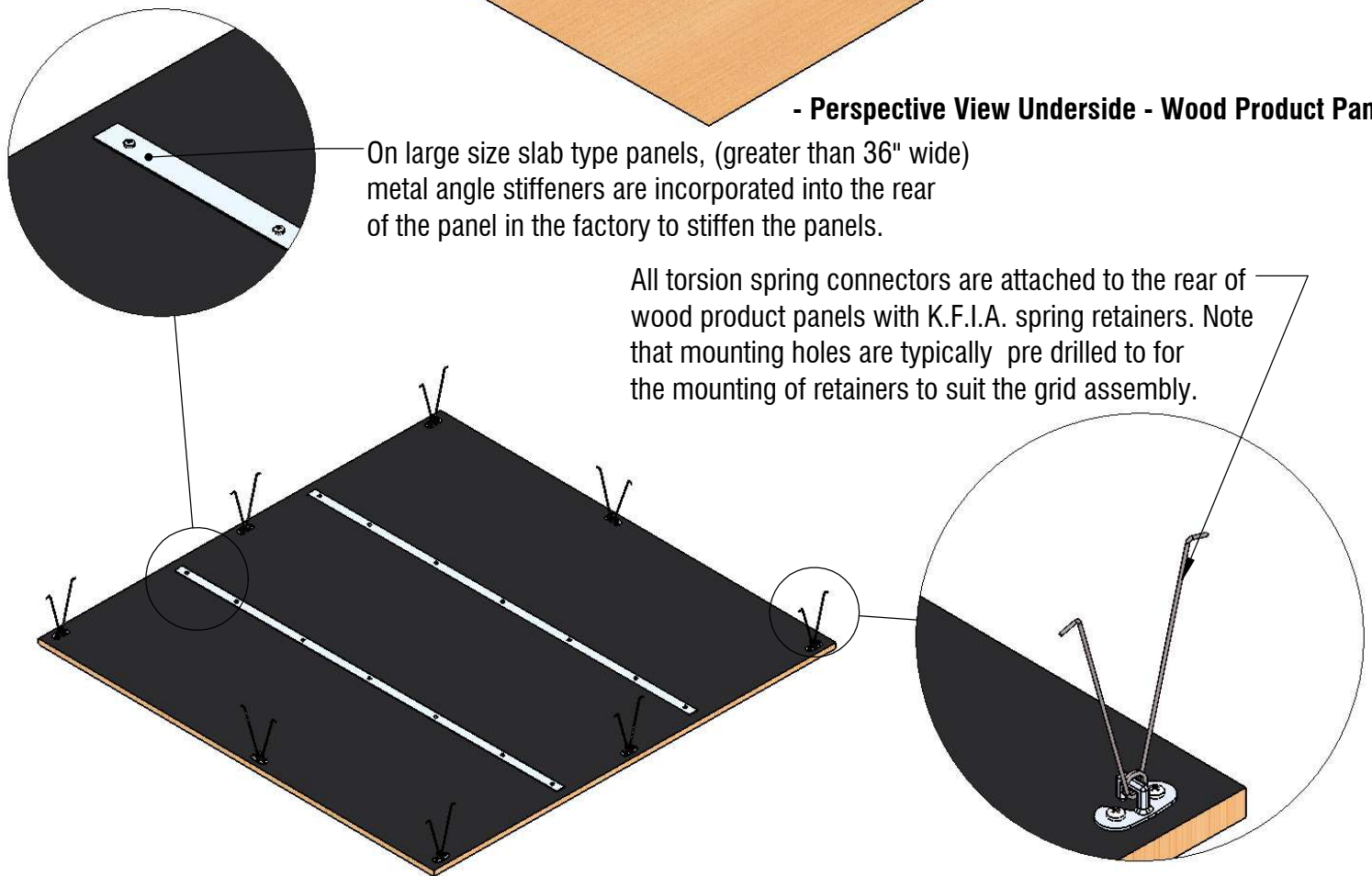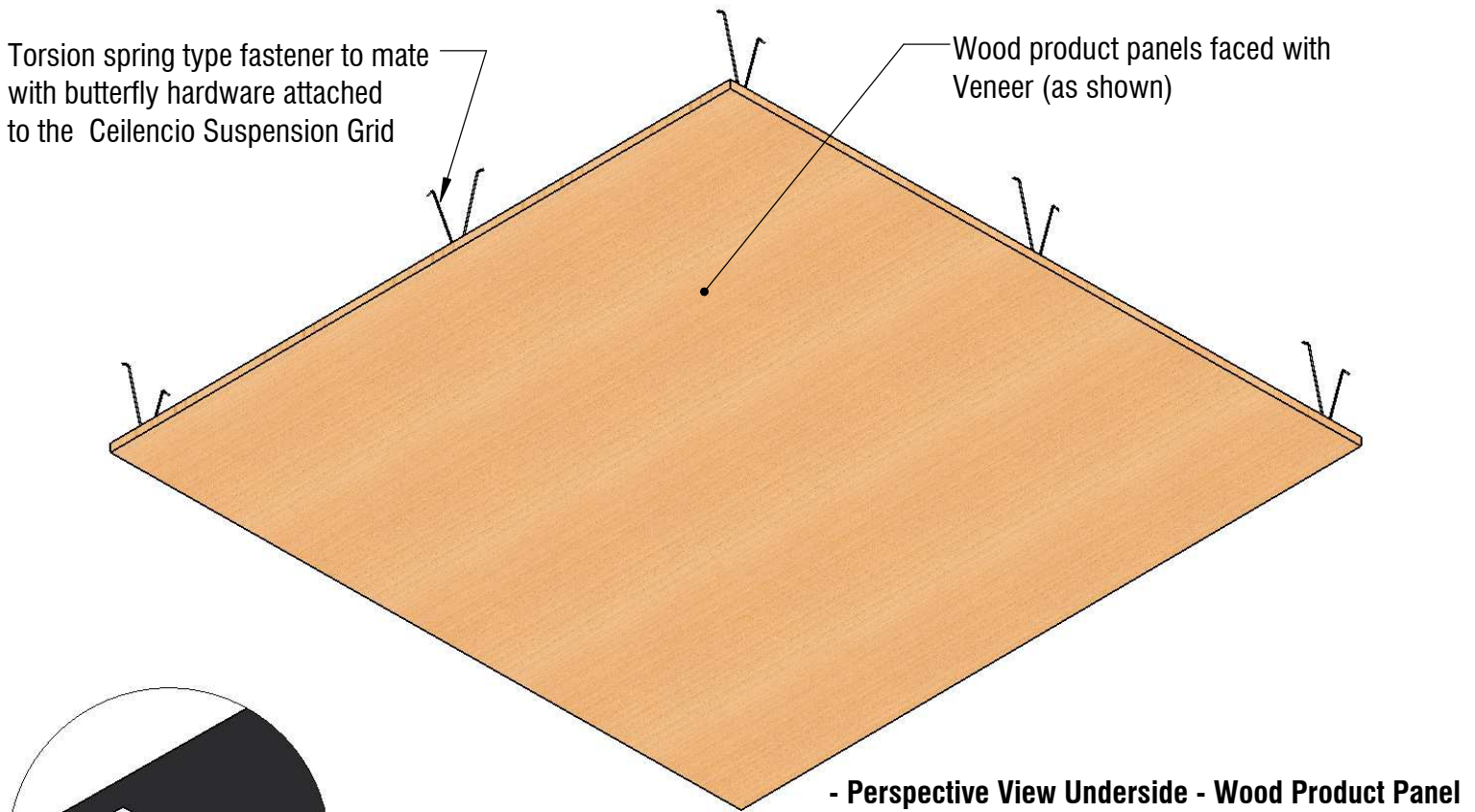metal angle stiffeners are incorporated into the rear
of the panel in the factory to stiffen the panels.

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.

- Perspective View Top - Wood Product Panel

(Wood product panels include Solo M, Fori, and Rondolo.)
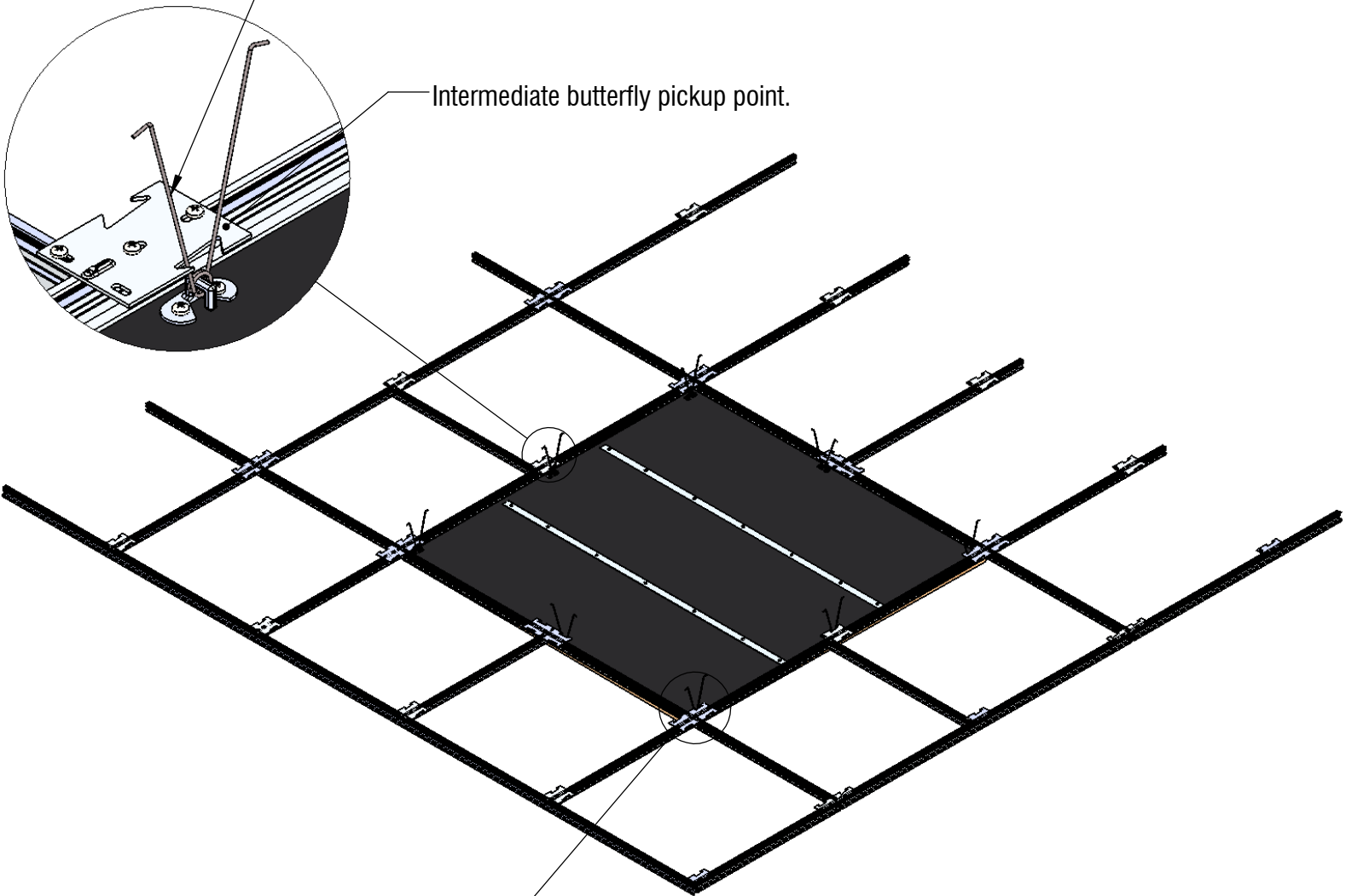
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61 Royal Group Crescent, Woodbridge, Ontario L4H 1X9
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2.

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All wood product panels must be supported at a minimum of every 24". This is to prevent the warping of product panels when incoroated into ceiling assemblies. **Note: wood products must be allowed to aclimatize to the site conditions a minimmum of 72 hours prior to installation.**

Intermediate butterfly pickup point.

- 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.

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Steel Stiffiner rails are only incorporated into panels exceeding 36" wide that utilize a slab type construction (not used with Quadrillo)

Wood Panels are installed into grid as shown utilizing the Ceilencio Suspension System.

- Top Perspective View - Wood panel installed into Ceilencio Grid

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

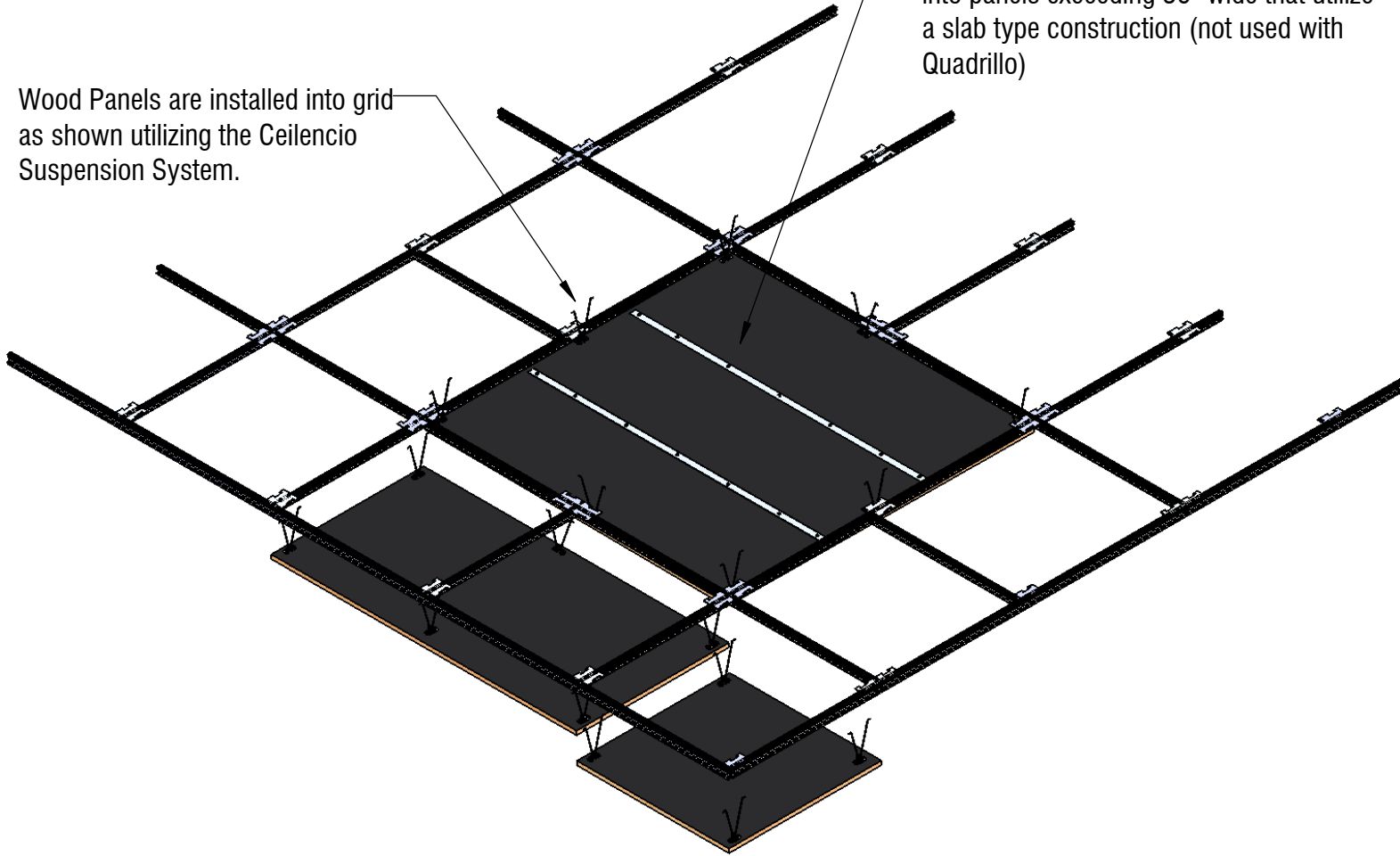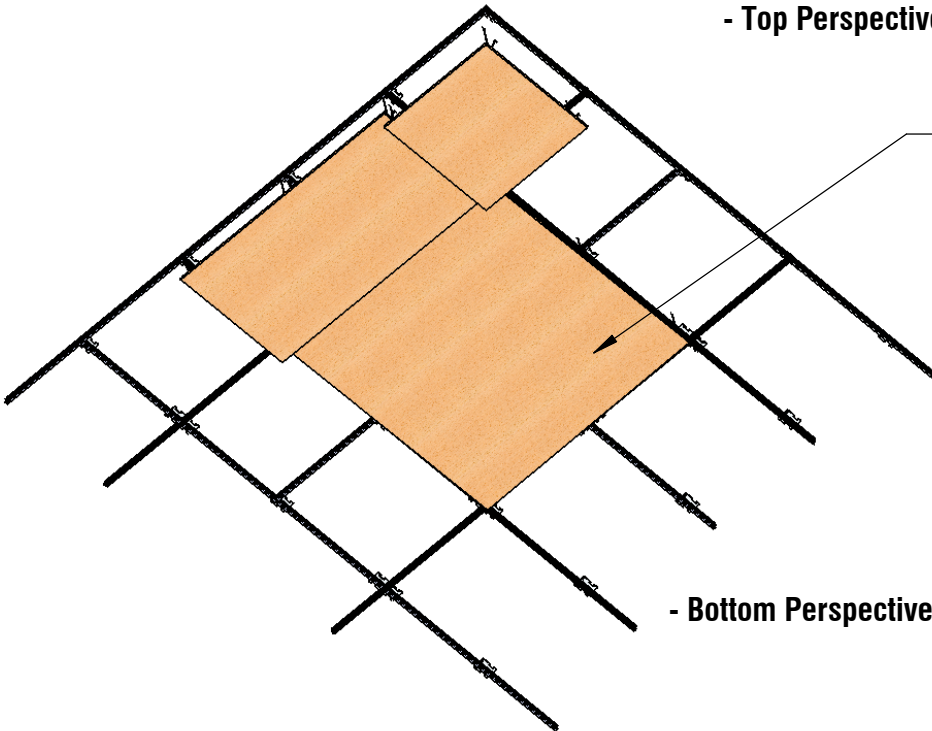**- Bottom Perspective View - Wood panel installed into Ceilencio Grid**

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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.

Aluminum Attachment Clip	Wall Track	Wood Tapping Truss Head Screw #8 x 1/2"

(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)

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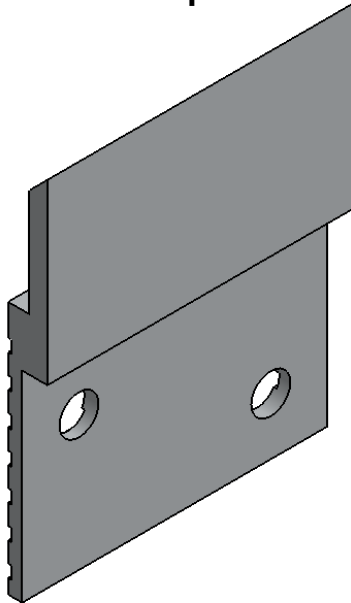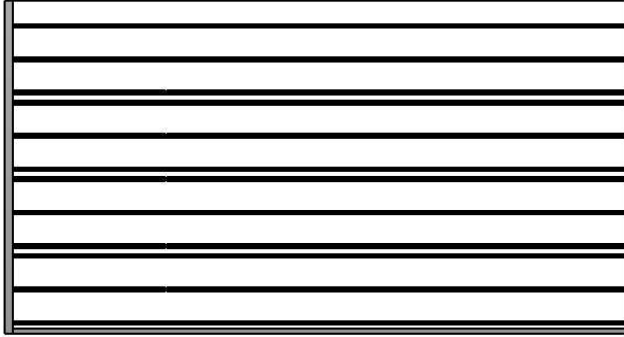
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3. Review installation drawings (Structural Layout and Panel Layout)

Walltrack Layout
(Front View)

Wall Panel Layout
(Panel Layout)

A nominal 3/4" reveal is required at the top of panel installations to allow for engagement of the product on the wall track.

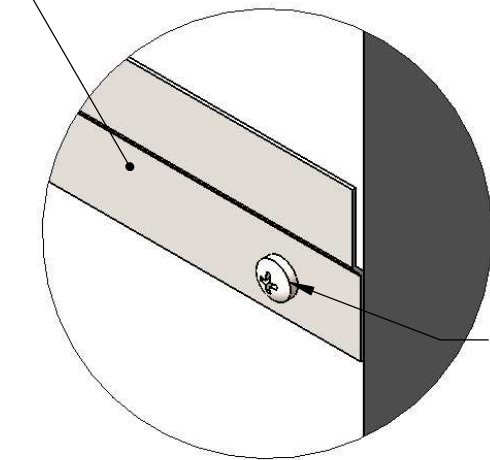Aluminum Wall track supplied by Decoustics
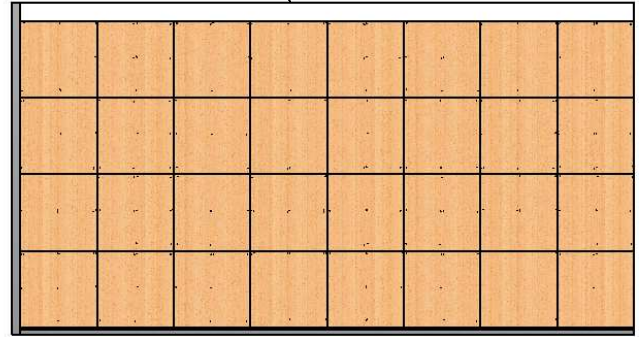
Panel Layout, verify panel locations and panel attachment clip positioning. Ensure that all attachment clips will engage the wall track.

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.)

Perspective View Front
Wall track attached to structural wall.
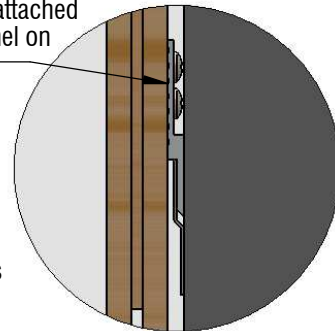
Wood Panel Attachment to Wall Mounted Wall Track

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.
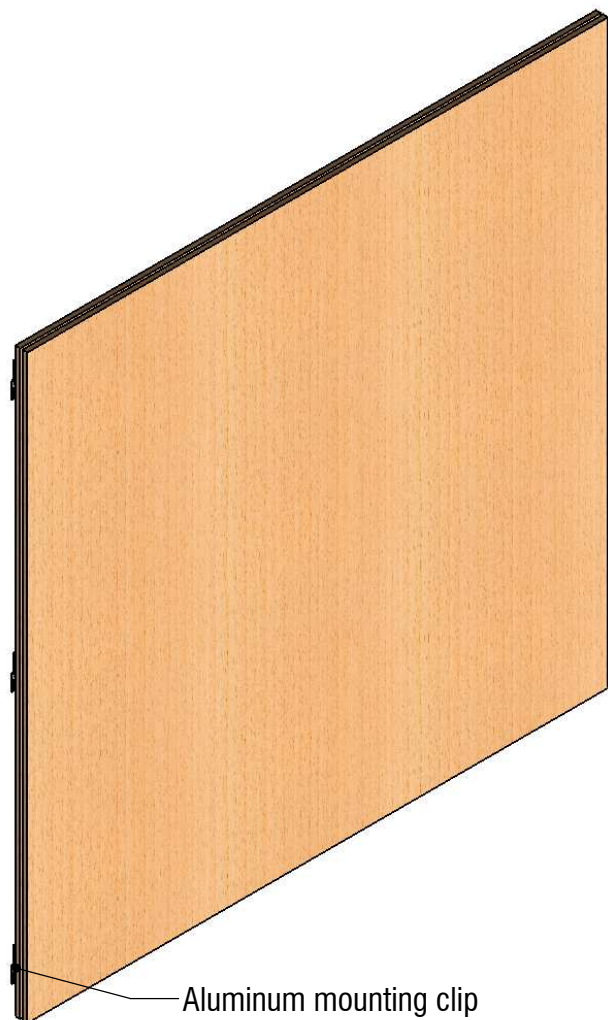
- Front Face - Finsihed Wood Product Panel

Install

Aluminum mounting clip

Aluminum mounting clip

- Rear Face - Finished Wood Product Panel

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.

Perspective View, Aluminum Clip
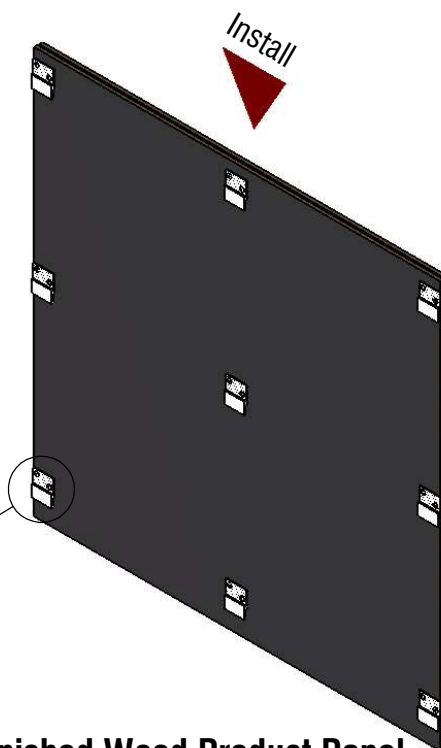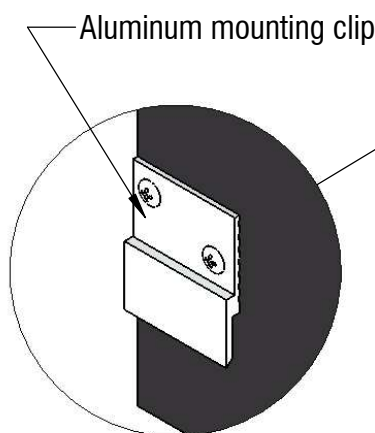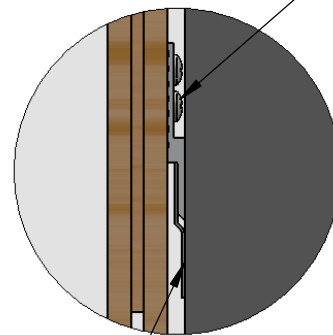Mounted to the back of the Wood panel (as shown)

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61 Royal Group Crescent, Woodbridge, Ontario L4H 1X9
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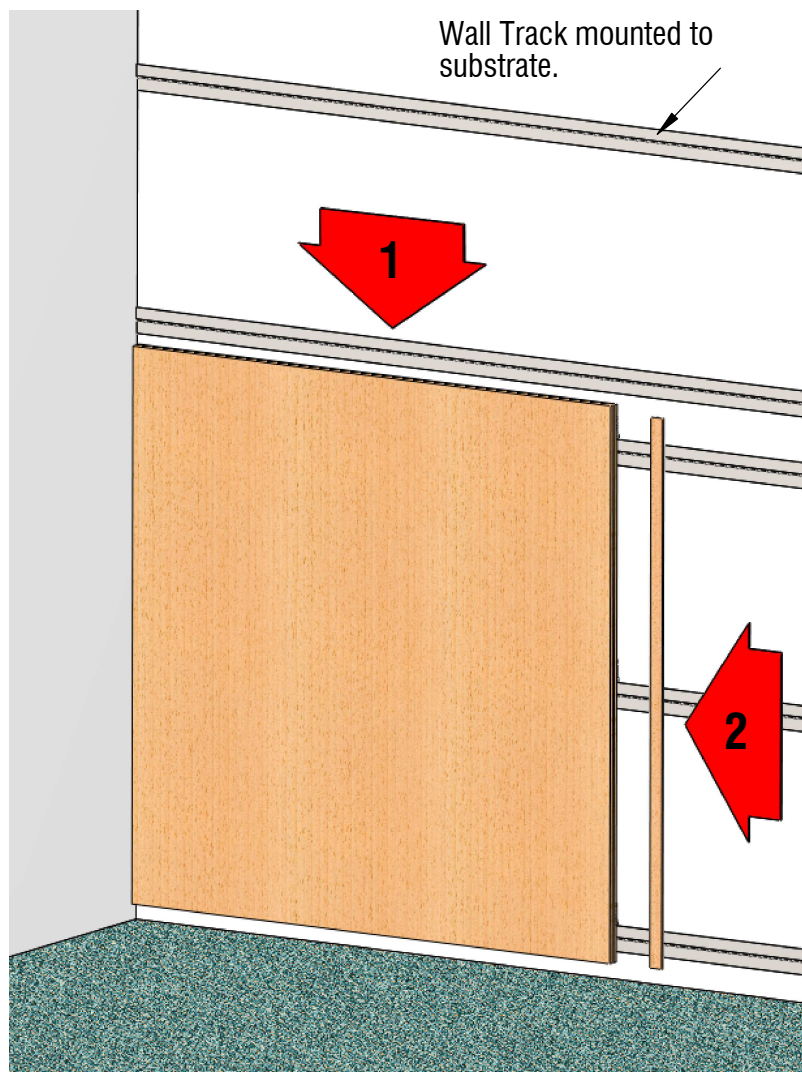
Wall Track mounted to substrate.

Aluminum clip attached to the back of the Wood Panel

Wall track attached to substrate wall

Wood Panel Attachment to Wall Mounted Wall Track

Perspective View, Direct Panel Mounting
Note: Wood panels are mounted to wall track rails with aluminum clips.

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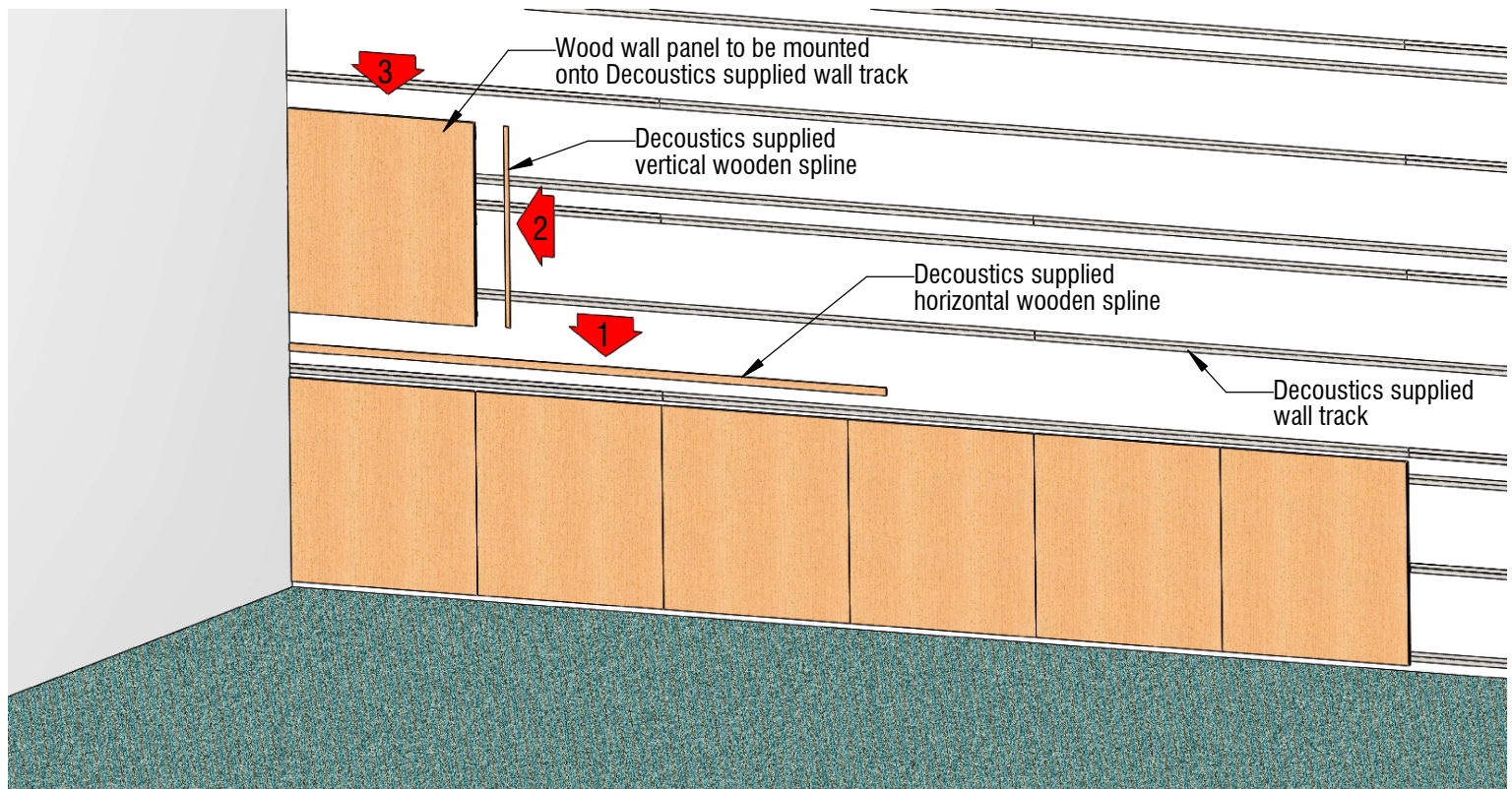
Arrow #1 - Locate the Wood panel on the wall track. Slide the panel down so that the aluminum clips on the rear of the Wood panel engage the wall track. The panel is now mounted to the wall.

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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Wood wall panel to be mounted
onto Decoustics supplied wall track

Decoustics supplied
vertical wooden spline

Decoustics supplied
horizontal wooden spline

Decoustics supplied
wall track

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 intial 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 untill 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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