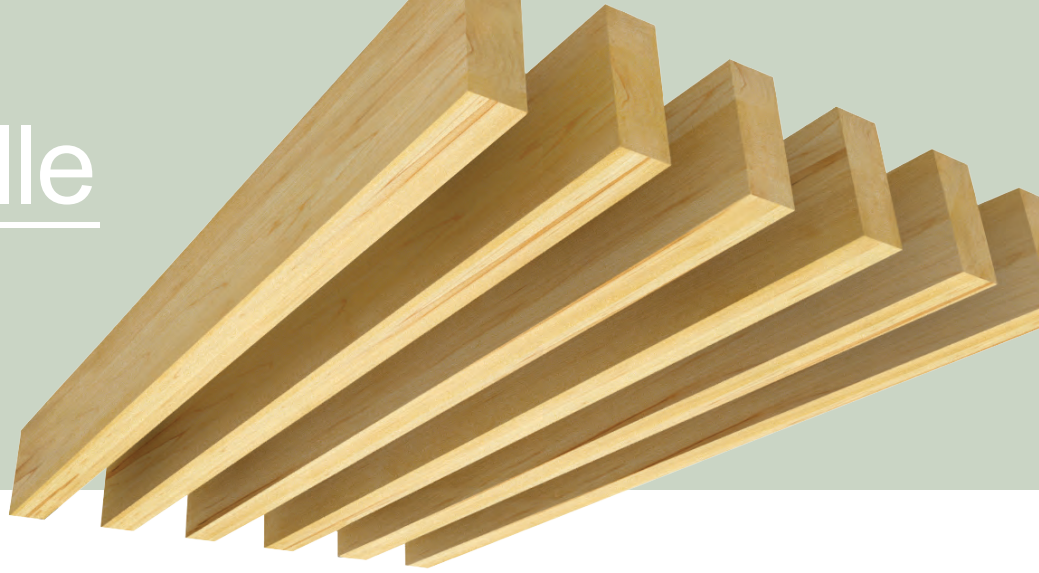


Wood Grille

Pre-Assembled Wood Panels

A product of CSI Wood



Overview

Wood Grille ceiling and wall panels have become extremely popular among architects who want to create a modern look with natural wood. Our Wood Grille system results in a dramatic look of beautifully aligned and spaced wood slats.

Four Considerations when selecting a Wood Grille design:

1. Width and Depth of Wood Slats
2. Number of Wood Slats per Foot
3. Wood Species and Finish Type
4. The Mounting Method

About our Products

Surface Finish

Clear, transparent, low-sheen coating is standard. Custom stain matches are available.

Fire Performance

Individual components will be treated with Class 1(A) fire-retardant chemicals. ASTM E84 surface-burning characteristics, HPVA certified with audit program per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

LEED

Opportunities for suspended wood ceilings to earn LEED credits are Materials & Resources--MR-3, MR-4.1/4.2, MR-5.1/5.2, MR-6, and MR-7, and Indoor Environmental Quality--IEQ-4.4. As all products are custom fabricated, LEED credit opportunities are determined by project.

Acoustics

CSI Wood Ceiling Panels can include Soundtex Black acoustic scrim. It can also incorporate a one-inch thick black insulation placed behind the panel face within the T-bar grid system.

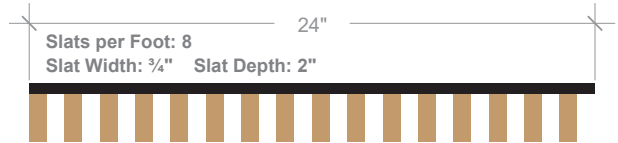
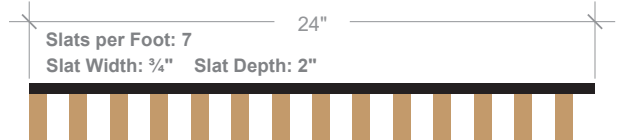
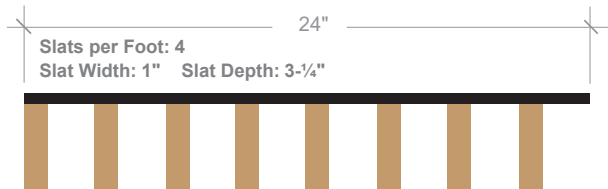
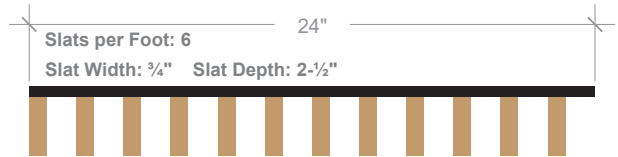
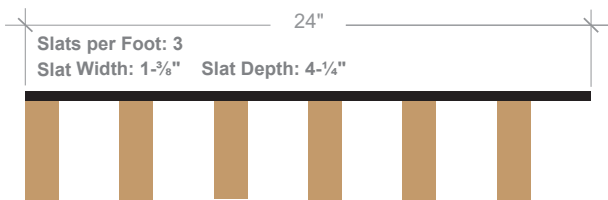
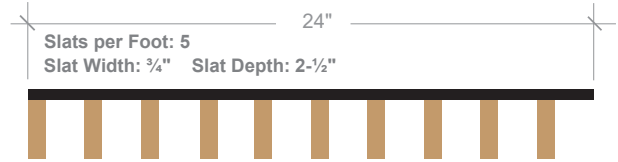
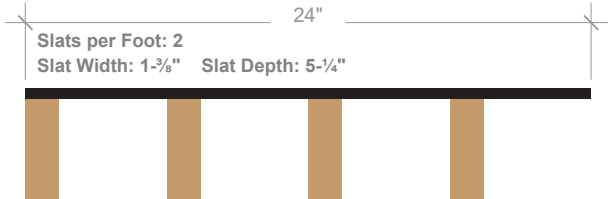
Acclimatization

CSI Wood Ceiling Panels must be cared for in a controlled interior environment (relative humidity 25%-55% max); temperature 60-80 degrees Fahrenheit) and installed only after reaching equilibrium moisture content.



Profiles of Wood Slat Design

These profiles are provided to help visualize and compare design options. Drawings are shown in 24" widths.



Custom Design:

Slat Width: _____ Slat Depth: _____

Number of Slats per Foot: _____ Option: Inches on Center: _____

Species: _____ Color: _____ Check Option: Match Architect's Sample

Mounting Method: (check one): Direct Attached Lay-in Z-Clip & Spline System

Special Instructions:



Standard Wood Species and Finishes

Wood Species: CSI Wood products are manufactured in six standard wood species as shown below. These wood types have been selected based on their resistance to warping or splitting over time, as well as their consistency in appearance.

Clear Finish: All CSI Wood products are finished with a commercial quality, low-luster wood sealer.

The non-yellowing, clear sealer includes a specialized UV formula that protects the natural wood for years. To maintain the highest quality finish, all stains, color treatments, and sealers, are spray applied in a climate-controlled, dust-free environment.

Standard Wood Species



Birch | solid prime grade



Cherry | solid prime grade



Maple | solid prime grade



White Oak | solid prime grade



Red Oak | solid prime grade



Poplar | solid prime grade

Custom Finishes

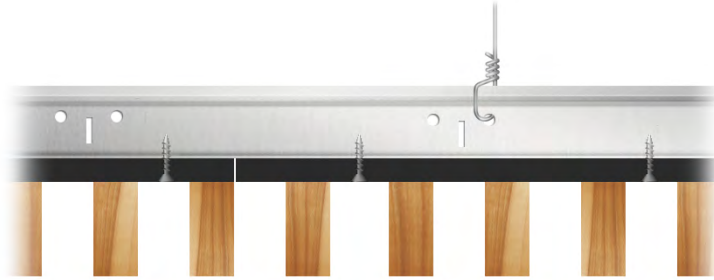
Although we have a standardized line of wood species and finish styles, CSI Wood can match nearly any combination of wood species and finish color.



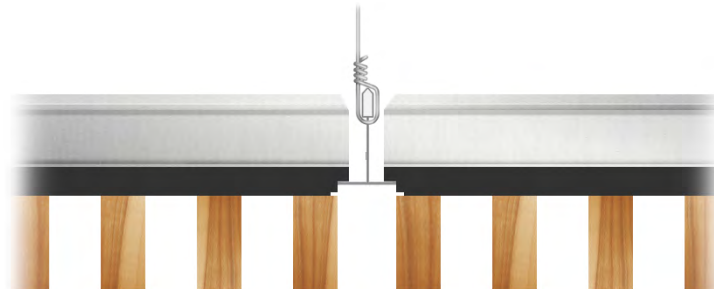
Wood Panel Mounting Methods

The three attachment methods for Wood Grille Panels are illustrated below:

TYPE 1 - Direct Attached: Direct Attached wood panels are installed via screws fastened directly through the backer into a standard heavy duty 15/16" ceiling suspension system. This provides basic accessibility by allowing the removal of each panel.



TYPE 2 - Lay-In Panels: The Lay-in Panels option uses pre-assembled panels that are suspended in a standard heavy duty 15/16" ceiling suspension system. Typically the suspension system is black. Panel access is by means of lift, shift, and remove. The Lay-in Panels may incorporate a vector or tegular edge, according to your design choice.



TYPE 3 - Z-Clip & Spline: The Z-Clip & Spline panel incorporates an 18-gauge powder-coated metal clip which is screwed to a 15/16" ceiling suspension system, the other end of which is recessed into a channel in the wood slat. A spline is then inserted, hiding the Z-clip hardware and giving stability and a finished look.

