



3100 Data Sheet



SERIES: 3000 ACOUSTIC WOOD

STYLE: 3100 ACOUSTIC PLANK

Overview



The **3100 Acoustic Plank** wood ceiling offers a design with fine linear grooves. Typical planks are 192 mm (7 9/16") wide, with 1/16" wide grooves spaced 8mm (5/16") or 16mm (5/8") on center. Due to required fabrication tolerances, engineered veneered wood composites are used. Member lengths are 4' and 8' (nominal). Custom lengths may be available for an upcharge.

Attachment for the Acoustic Plank is via progressive install, utilizing the 9Wood Z-Clip. End joint alignment is achieved via 9Wood Grip Clips and 9Wood Alignment Clips.



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Application

The Acoustic Plank provides a continuous, monolithic fine linear groove appearance while providing superior acoustic attenuation. Access can be through strategically located access panels or from room perimeters. Planks are fabricated from real wood veneers on fire rated cores. Members are ganged together with tongue & groove joinery and screwed with clips to T-Bar main runners progressively.

Performance

Acclimatization

Acoustic Planks must be cared for in a controlled interior environment (RH 25%-55% max; temp. 60°-80°) and installed only after reaching equilibrium moisture content. Should the building fall outside these limits consult 9Wood for our 3 Tests/3 Tracks Acclimatization Advisory.

Acoustics

The Acoustic Plank enhances acoustics with Sound-Tex™ acoustic scrim, factory-attached to the back side. For added sound attenuation, extra fiber-glass absorptive material can be placed within the T-Bar grid. Insulation is typically provided locally.

Fire Rating

Individual members and components can be treated with Class I (A) Fire Retardant chemicals (solid wood use FR coatings, veneered particleboard use FR formulas). Particular species or styles have not been tested.

LEED

Acoustic Planks may qualify toward MR-3, MR-4.1/4.2, MR-5.1/5.2, MR-6, MR-7, IEQ-4.2 or IEQ-4.4. As all products are custom-fabricated, LEED credit opportunities are project by project. Please contact 9Wood for specifics.

MEP

The Acoustic Plank permits MEP penetrations in the ceiling's surface. Cut panels may require supplemental reinforcement. Fixtures and diff users must be independently supported.

Seismic

Clips are typically mechanically screwed to T-Bar for seismic compliance. Please consult local code or a licensed engineer for any additional requirements.

Species & Finishes

9Wood can offer both domestic and imported species for the Acoustic Plank. Clear, satin sheen finish is standard; custom stain matches are available.

Suspension

Acoustic Planks are directly attached to 15/16" heavy duty T-Bar main runners. Main runners are typically 2' on center.

System Weight

Acoustic Planks typically weigh 3 pounds per square foot or less.



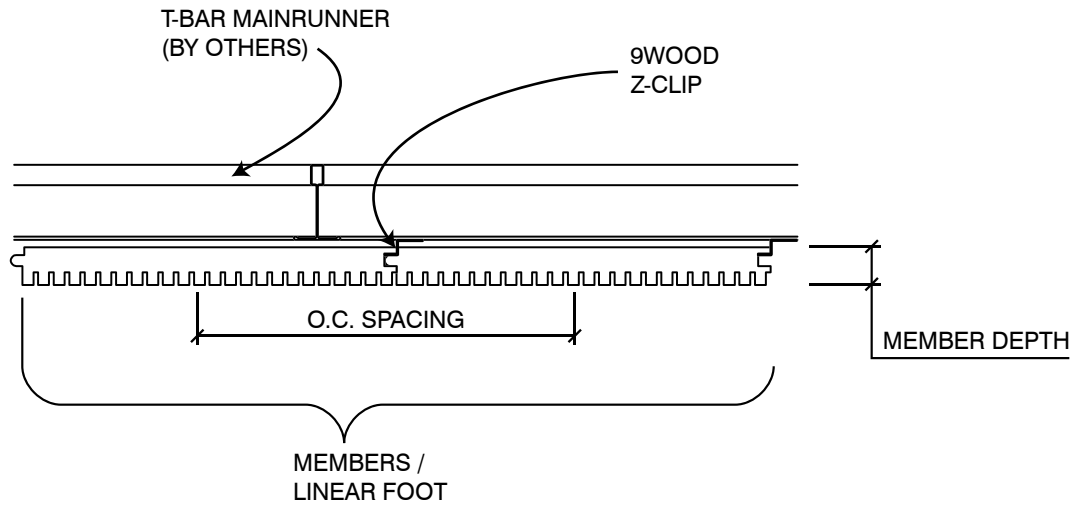
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Typical Specifications



SKU Table

| Kerf O.C. Spacing | Kerf Width | |
|-------------------|------------|--------|
| | 1.6mm | 2.5mm |
| 8mm | 3108-2 | 3108-3 |
| 16mm | 3116-2 | 3116-3 |
| 32mm | 3132-2 | 3132-3 |

* All members 7 9/16" O.C. spacing

** Please see 9wood.com for information on appropriate species selections.



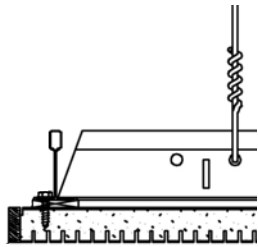
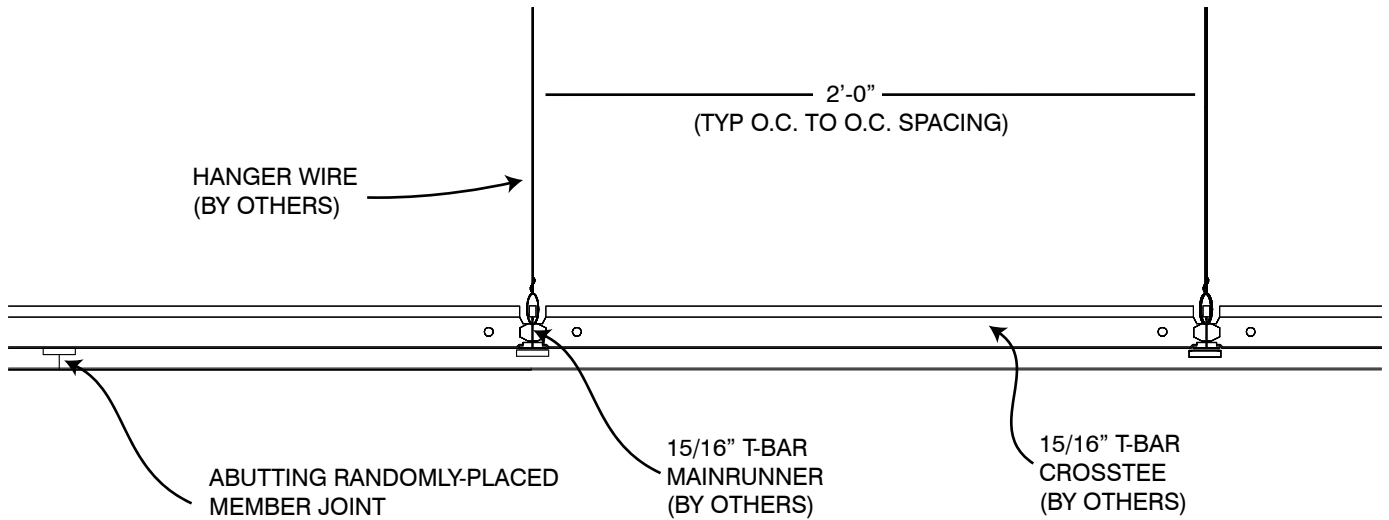
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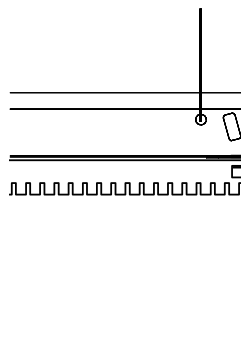
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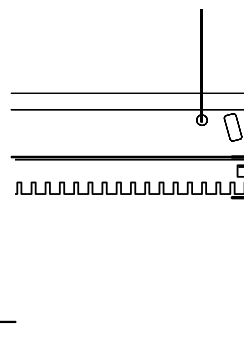
Perimeter Conditions and Suspension



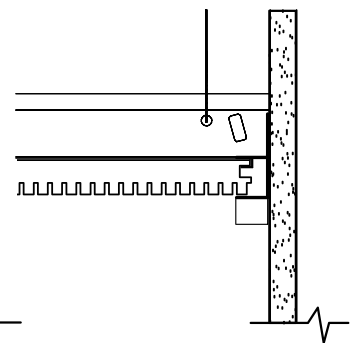
FLOATING:
OPEN PERIMETER
WITH OPTIONAL
WOOD TRIM



FLOATING:
OPEN REVEAL



METAL TRIM:
CONT. WALL ANGLE



WOOD TRIM:
CONT. WALL ANGLE
WITH OPTIONAL
WOOD TRIM