



WOOD

DATA SHEET

# 8100 Wood Grille Wave

Solid Wood





# 8100

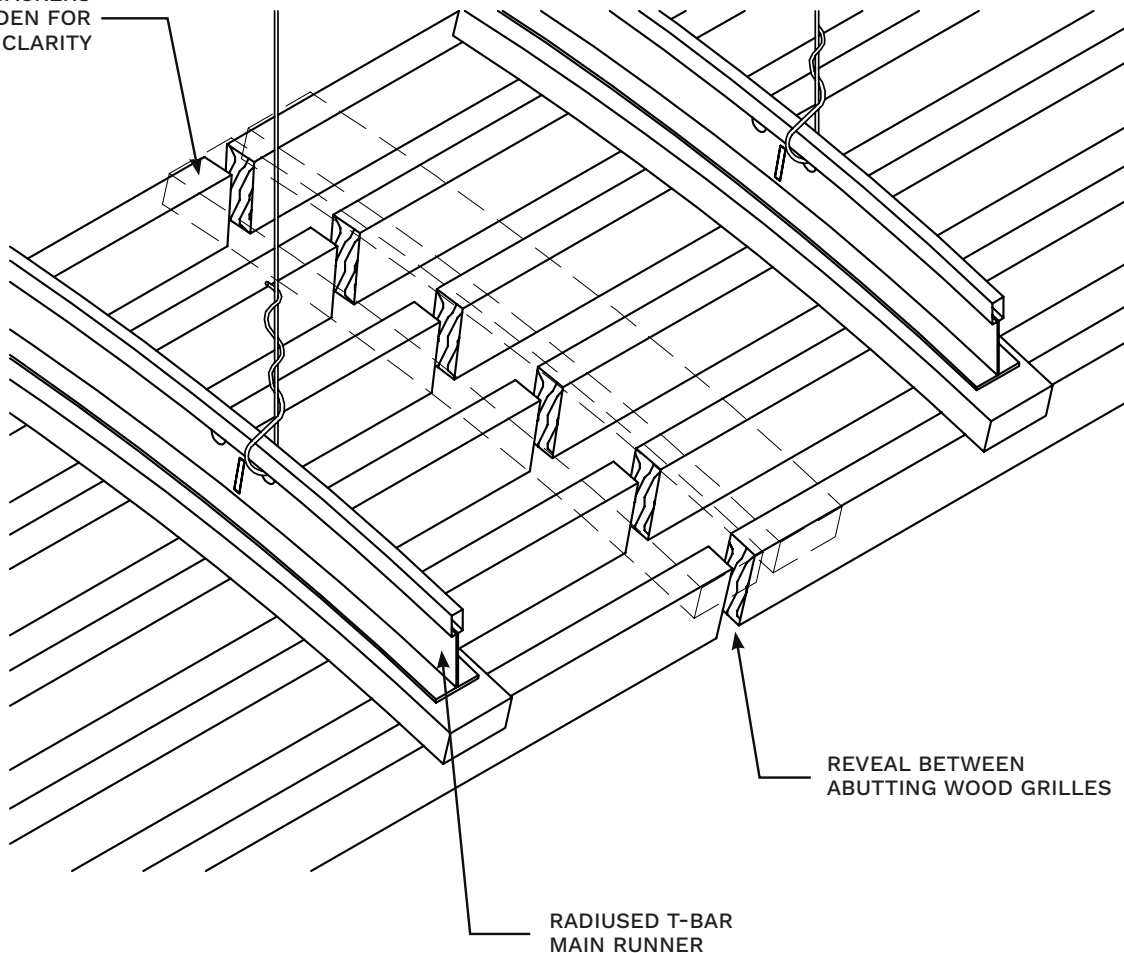
Wood Grille  
Wave

SOLID WOOD

The 8100 Grille Wave wood ceiling offers a flexible wood grille design for a vaulted or undulating ceiling. The standard panel widths are 12". Standard panel lengths are 2' - 10' in 1' nominal increments.

Attachment for the Grille Wave is via screws fastened directly through the flexible backer. This provides basic accessibility for each panel.

END BACKERS  
HIDDEN FOR  
CLARITY



REVEAL BETWEEN  
ABUTTING WOOD GRILLES

RADIUSED T-BAR  
MAIN RUNNER



### Application

The Grille Wave uses a pre-assembled flexible panel. A curved suspension system is first installed (curved T-Bar or radiused tubing). Then the panels are flexed and married to the radiused suspension system using screws. This product can be installed throughout the country and is the preferred design in areas requiring seismic compliance. Full panel access is available by means of removing attachment screws hidden in reveals.

### Performance

#### Acclimatization

Wood Grille Waves must be cared for in a controlled interior environment (RH 25%-55% max; temp. 60°-80°) and installed only after reaching equilibrium moisture content.

#### Acoustics

The Wood Grille Wave can enhance acoustics via soundabsorbing material placed over open reveals within the T-Bar grid. Insulation is typically provided locally.

#### Fire Rating

Individual members are treated with a Fire Retardant that helps it meet Class A per ASTM E84 & ASTM E2768.

#### LEED

Wood Grille Waves may help contribute to LEED credits for: Material sourcing, Material ingredients, Low Emitting Materials, and Environmental Product Declarations. Credit support based on design choices, please contact 9Wood for more information.

#### Suspension

Wood Grille Waves are directly attached to curved 15/16" T-Bar main runners or radiused 1" x 1" tubing. T-Bar or tubing is typically 2' on center.

#### MEP

The Wood Grille Wave permits MEP penetrations in the ceiling's surface. Cut panels may require supplemental reinforcement. Fixtures and diffusers must be independently supported.

#### Seismic

Flexible crosspiece backers provide seismic code compliance by means of mechanical direct screw attachment to T-Bar via the metal flexi backers. Please consult local code or a licensed engineer for any additional requirements.

#### Species & Finishes

For solid wood options, 9Wood Custom Made Fast uses Western Hemlock which can be stained to match any standard stain or custom color option. Opaque finishes can be requested - please contact 9Wood for more information.

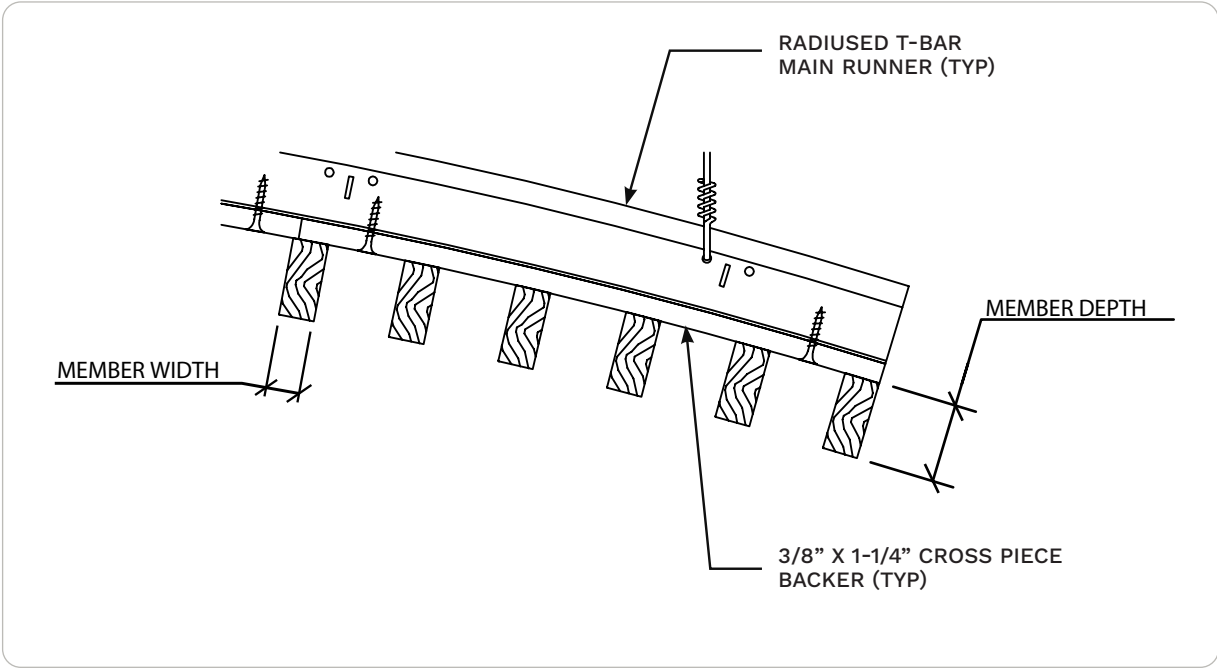
#### System Weight

Wood Grille Waves typically weigh 2-4 pounds per square foot, depending on members per linear foot and species.

# CROSS PIECE GRILLE | SOLID WOOD



## Typical Specifications



## SKU Table

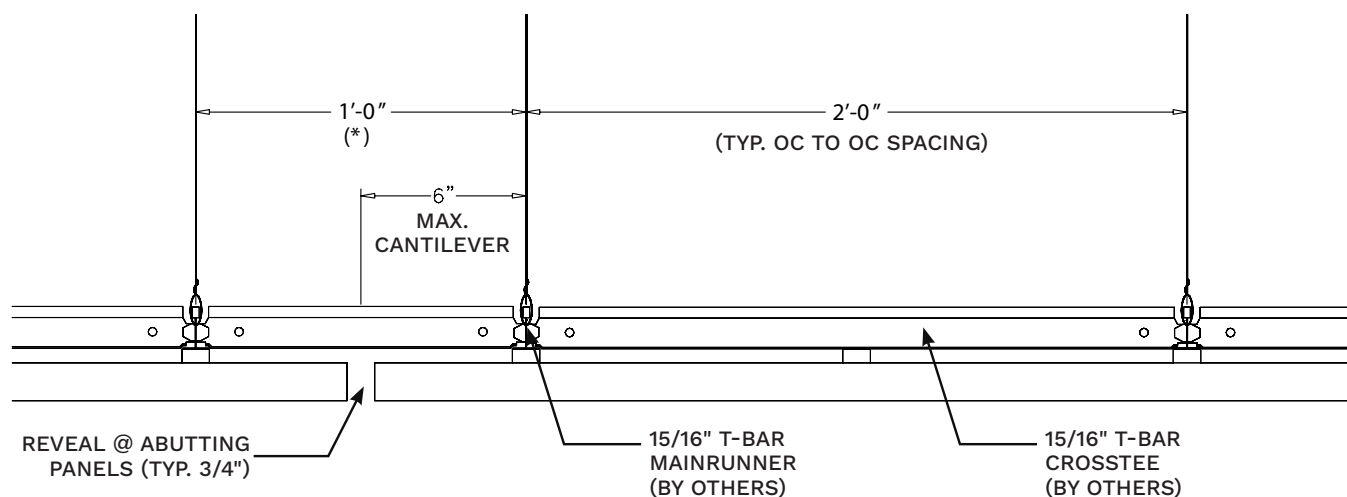
Width	Depth	Grille Members per Linear Foot	
		6	8
3/4"	1 3/8"	81-1112-6	81-1112-8

- \* Other width, depth and M/LF combinations available. Please inquire.
- \* Please see [9wood.com](http://9wood.com) for information on appropriate species selections.
- \* Member dimensions and spacing may limit minimum possible radius.

## CROSS PIECE GRILLE | SOLID WOOD



### Perimeter Conditions and Suspension



\*Note: A center reveal typically requires a custom O.C.w spacing in the suspension system.



Custom  
made fast

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