



8500 Data Sheet



SERIES: 8000 WOOD WAVES

STYLE: 8500 PERFORATED TILE WAVE

Overview

The **5100 Parallel Perforated Pattern** wood ceiling tiles offer a perforated tiled appearance with a parallel (or square) perforation pattern and a non-perforated border. The Parallel Perforated Pattern is installed using any of the 4000 series Wood Tile suspension methods.

The Parallel Perforated Pattern style is the most commonly specified perforated pattern. Perforations permit acoustic attenuation. Accessibility is determined by attachment method.

SKU Table

	Perf Spacing	Perf Diameter			
		6mm	8mm	10mm	12mm
Parallel Perf	16mm	5116-06	5116-08	5116-10	5116-12
	23mm	5123-06	5123-08	5123-10	5123-12
	32mm	5132-06	5132-08	5132-10	5132-12
Staggered Perf	16mm	5216-06	5216-08	5216-10	5216-12
	23mm	5223-06	5223-08	5223-10	5223-12
	32mm	5232-06	5232-08	5232-10	5232-12
Diamond Perf	16mm	5316-06	5316-08	5316-10	5316-12
	23mm	5323-06	5323-08	5323-10	5323-12
	32mm	5332-06	5332-08	5332-10	5332-12

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





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Product Data

Application

The Perforated Wood Tile is used in spaces where a both vaulted designs requiring acoustical absorption by means of percent open area is desired. Suspension methods follow the style 8400 Wood Waves, typically Torsion Spring or Lift & Lock™.

Performance

Acclimatization

Perf Wood 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. Should the building fall outside these limits consult 9Wood, Inc. for our 3 Tests/3 Tracks Acclimatization Advisory.

Acoustics

The Perf Wood 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 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

Perf Wood Waves 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, Inc. for specifics.

MEP

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

Seismic

Perf Wood Waves can be engineered to meet seismic requirements. Please consult local code or a licensed engineer for any additional requirements.

Species & Finishes

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

Suspension

Perf Wood 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.

System Weight

Perf Wood Waves typically weigh 4 pounds per square foot or less.