

DATA SHEET

3700 Nanoperf Plank

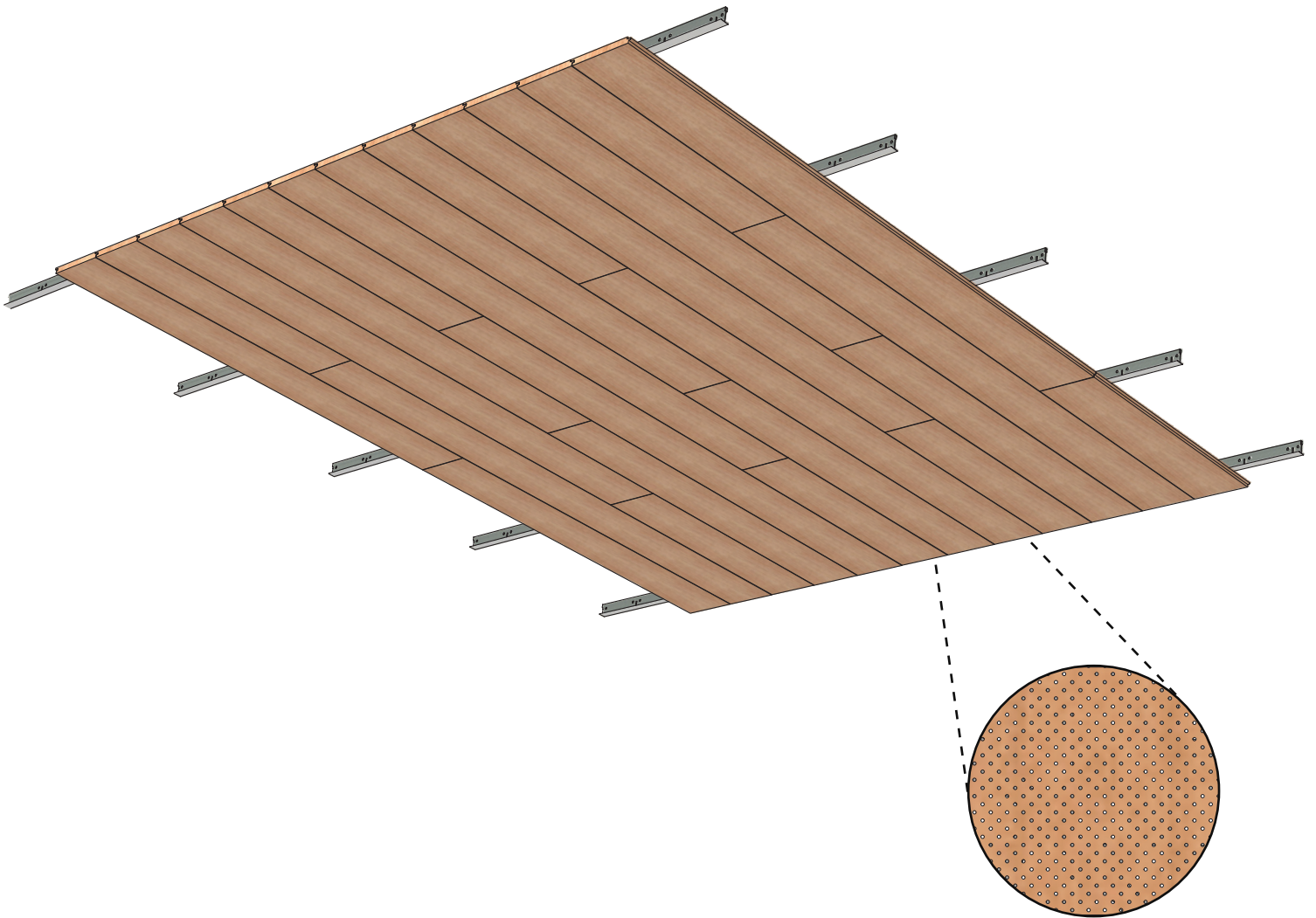
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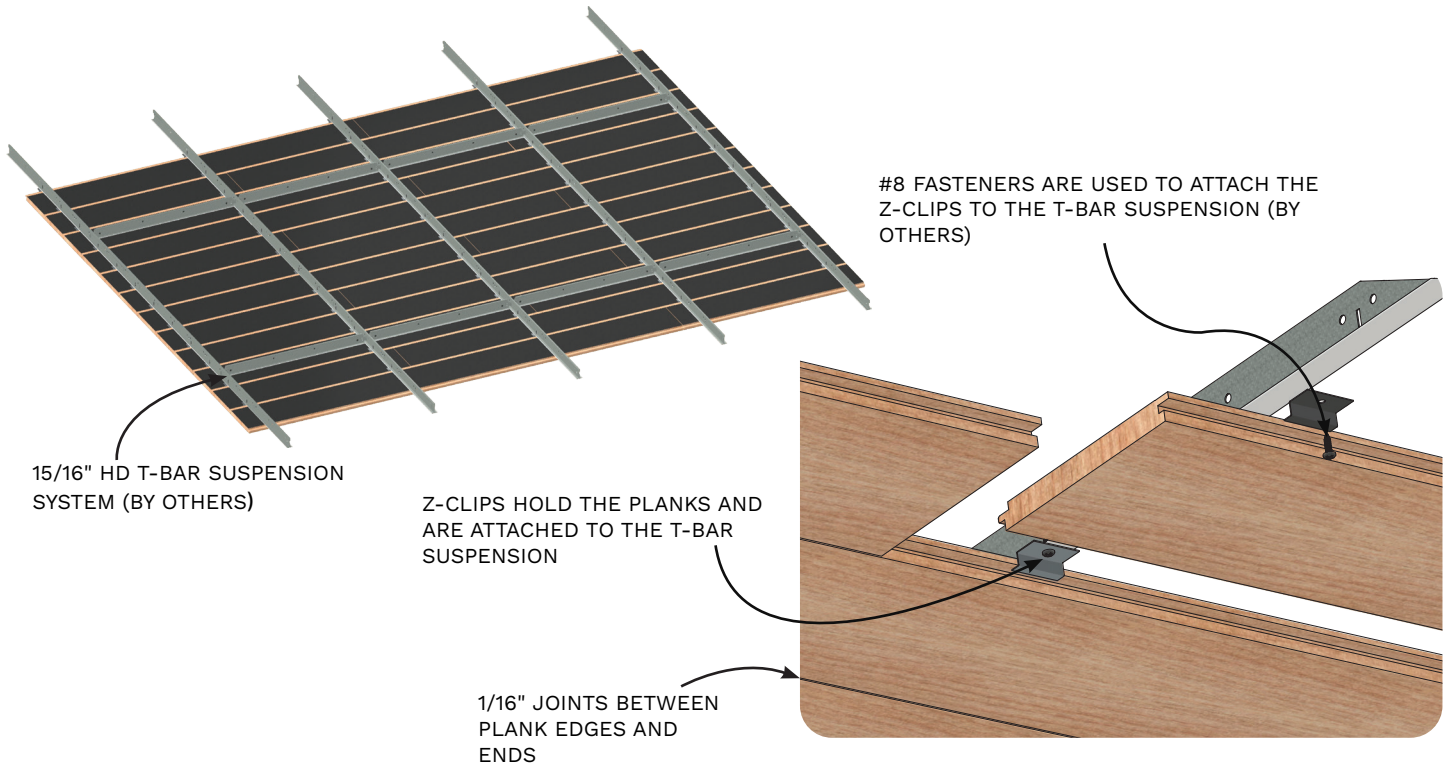
3700 | NANOPERF PLANK | REAL WOOD VENEER

The Nanoperf Plank is a real wood veneer panel with ultra-fine microperforations that disappear beyond two feet, preserving the uninterrupted warmth of wood while delivering NRCs up to 0.65.

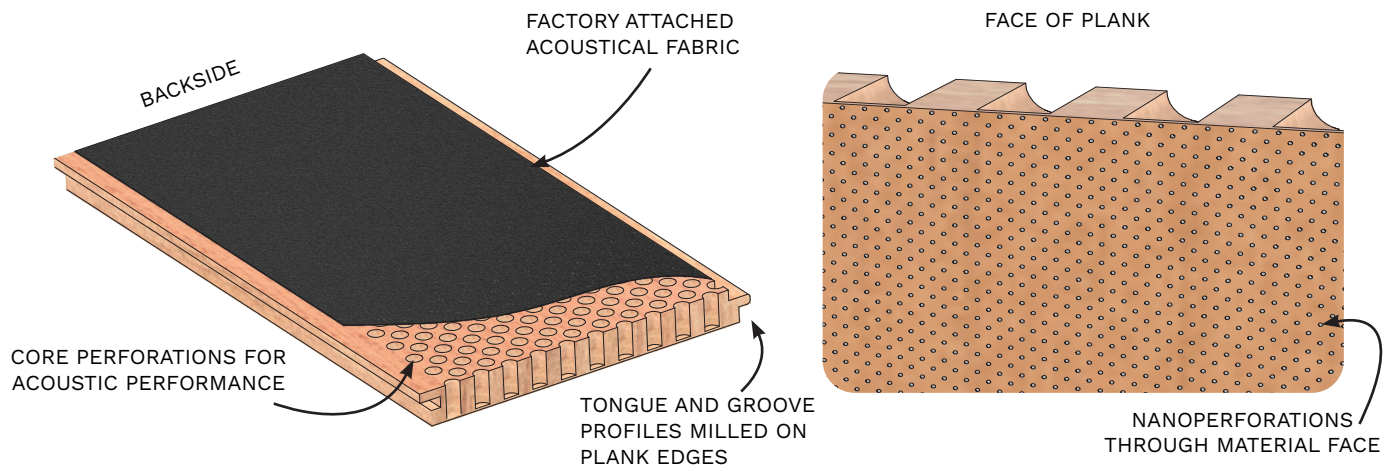
Its NAF, carbon-negative construction supports wellness goals and helps designers deliver acoustic performance without compromising material authenticity or visual clarity—making it easier to gain client approval and avoid redesigns.



NANOPERF PLANK | Ceiling System Assembly



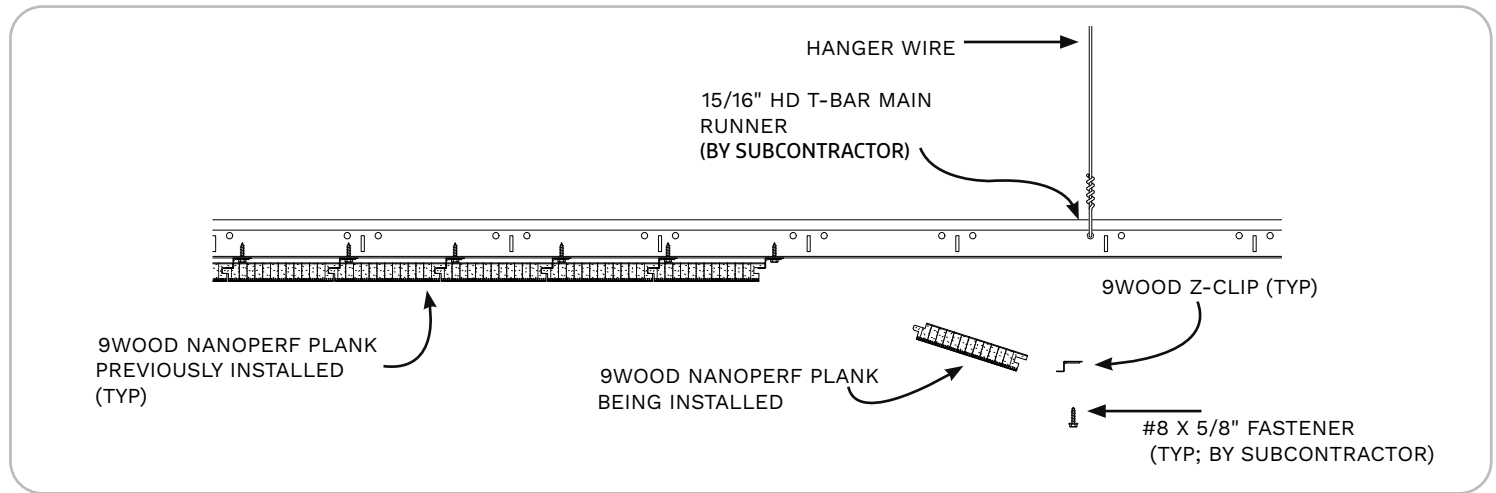
Nanoperf Linear Member Construction



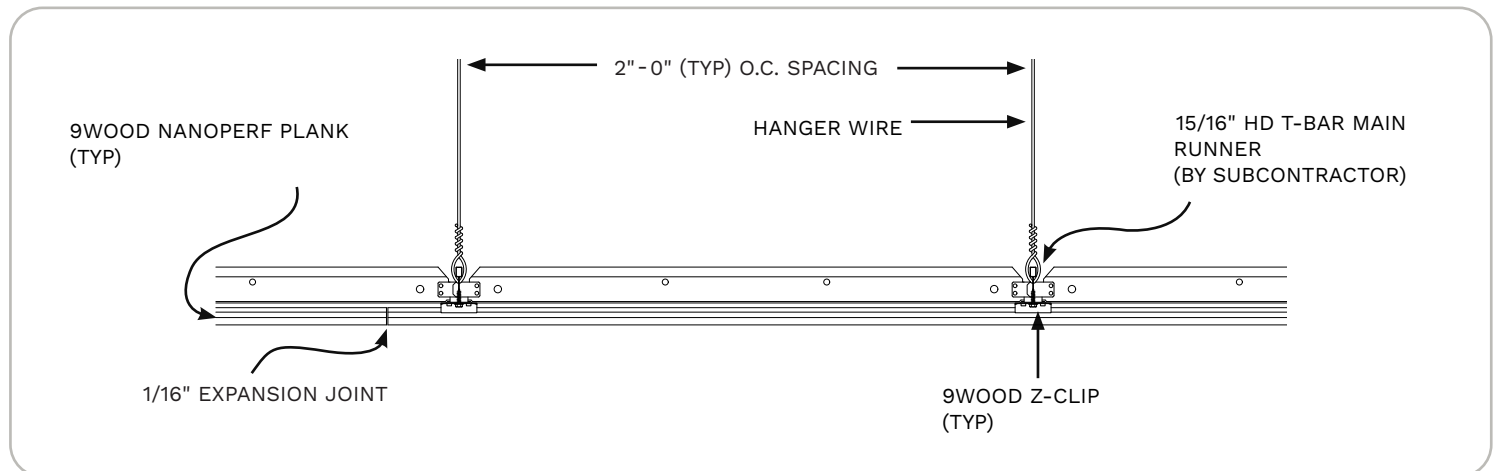
NANOPERF Plank | Typical Specifications



Attachment



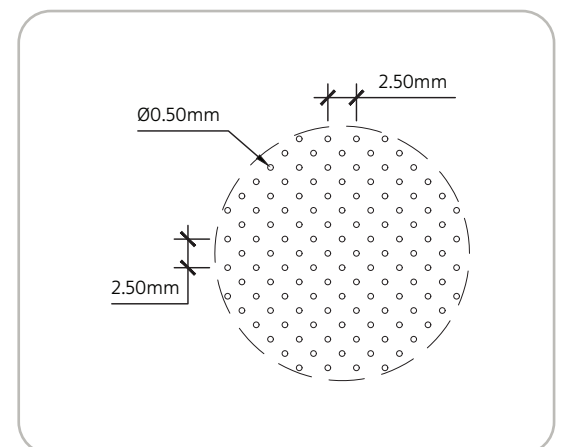
Suspension Conditions



SKU Table - Ceiling Application

Depth	Width	Members per Linear Foot		Member Spacing	Reveal
		2	3		
3/4"	4 3/4"	3715-3		4 5/16"	1/16"
3/4"	7 1/4"	3718-2		6 13/16"	1/16"

Perforation Spacing



NANOPERF PLANK | Species & Finishes



Species & Finishes

For veneer options, 9Wood Custom Made Fast offers Plain Sliced (PS) Cherry, Walnut, White Maple, and Rift Sliced (RS) White Oak. All products, regardless of color are finished with a beautiful clear matte topcoat. Order your sample today at [9Wood.com](https://www.9wood.com).

Wood Stain Capabilities

White Oak and Cherry and can be easily stained to match any custom or standard colors and typically Walnut and White Maple are coated with a clear finish. Nanoperf products are **not compatible with opaque stains** or finishes. Please contact 9Wood for more information.

Cherry Veneer



White Oak Veneer



White Maple Veneer

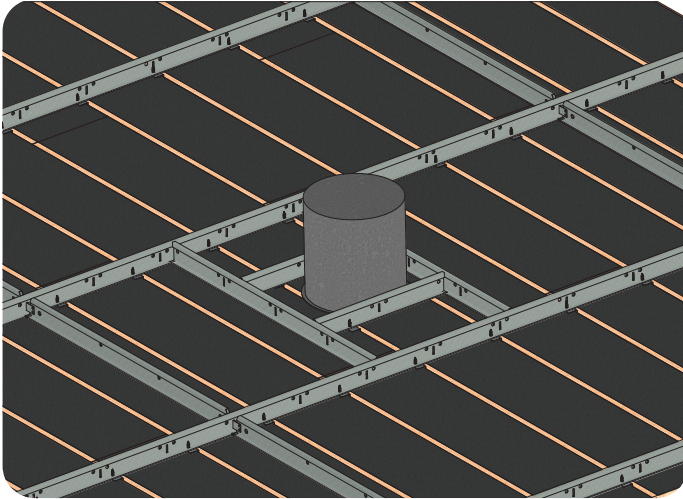


Walnut Veneer

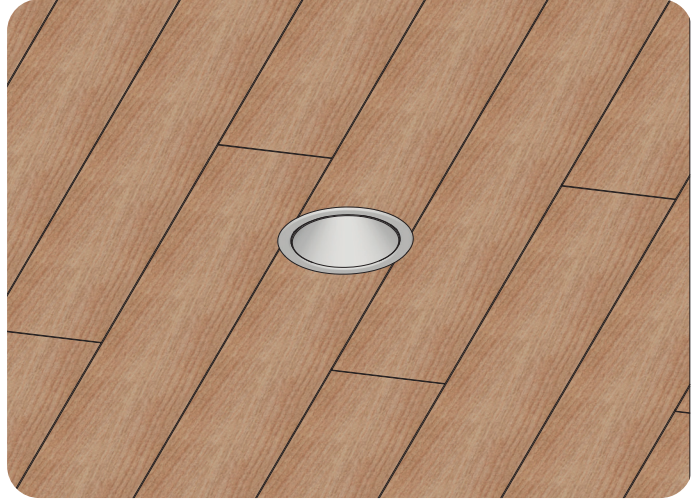




Can Light Fixture

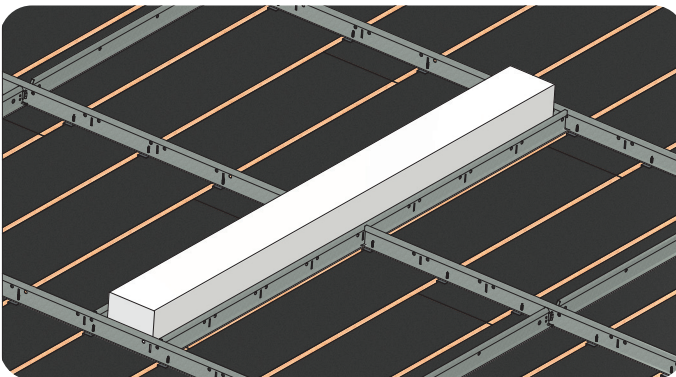


BACKSIDE

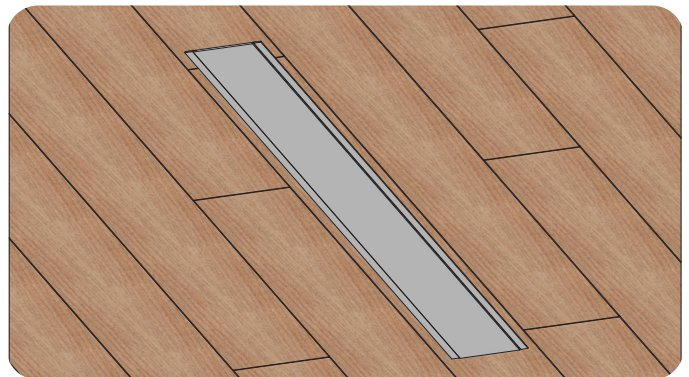


FINISHED FACE

Linear Light Fixture



BACKSIDE



FINISHED FACE



Application

The Nanoperf Plank is an acoustic wood ceiling system engineered so micro-perforations disappear from view yet absorb sound like a traditional acoustic core, achieving NRC up to 0.65 (ASTM C423). 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. Access can be achieved through strategically located access panels.

Acclimatization

Nanoperf Plank 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 Acclimatization Advisory.

Acoustics

The Nanoperf Plank enhances acoustics with ultra-fine micro perforations in the real wood face along with Sound-Tex™ acoustic scrim, factory-attached to the back side. This system absorbs sound like a traditional acoustic core, achieving NRC up to 0.65 (ASTM C423). Additional absorptive material can be placed within the T-Bar grid. Insulation is typically provided locally.

Fire Rating

Individual members use Fire Rated MDF core and meet Class A per ASTM E84 & ASTM E2768.

MEP

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

LEED

Nanoperf Plank uses a NAF, carbon-negative construction and 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

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

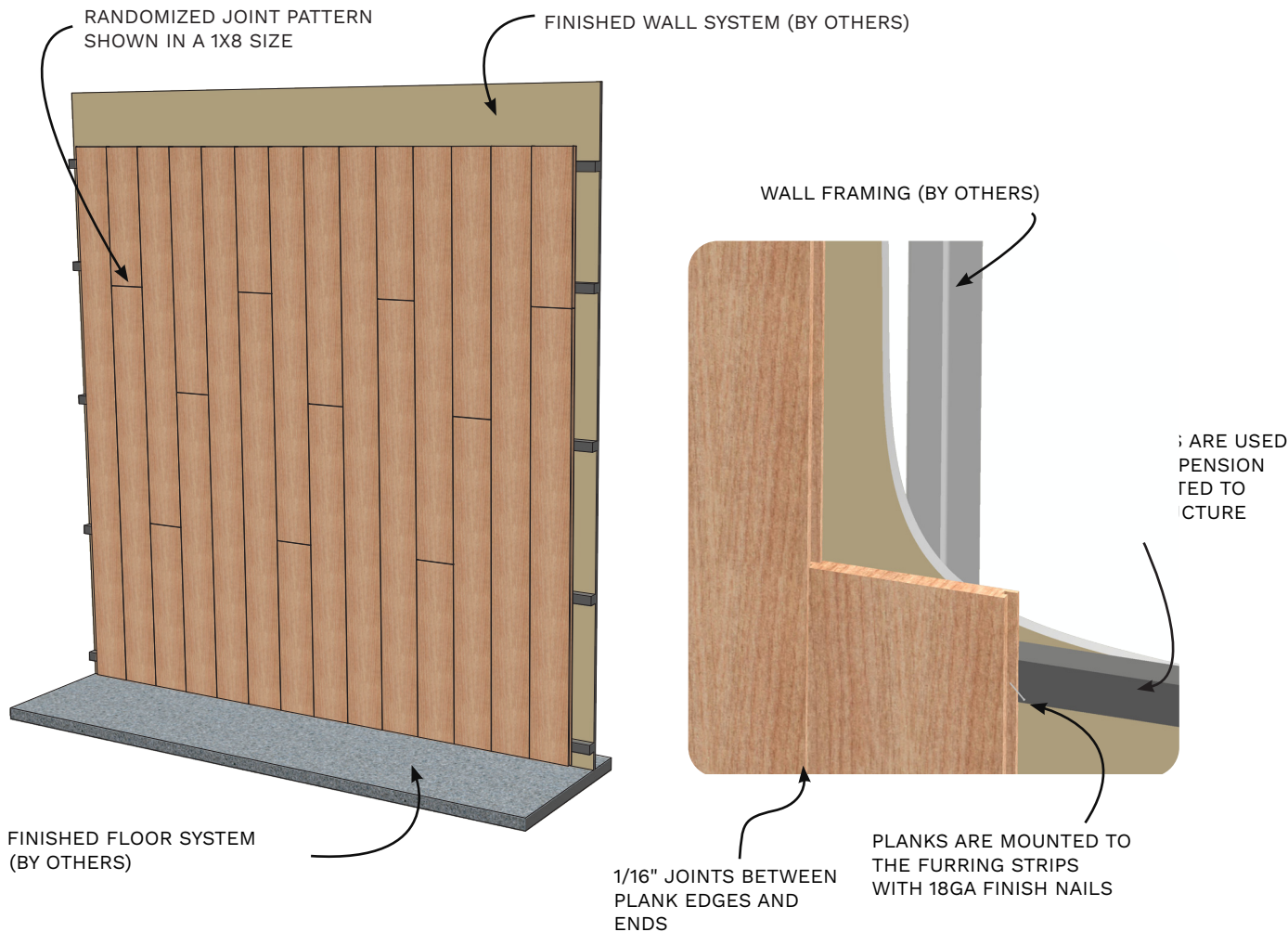
Seismic

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

System Weight

Nanoperf Plank panels typically weigh 3 pounds per square foot or less.

NANOPERF PLANK | Wall Systems



SKU Table - Wall Application

Depth	Width	Members per Linear Foot		Member Spacing	Reveal
		2	3		
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3/4"	7 1/4"	39-3718-2		6 13/16"	1/16"



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