

## Soundproof wood panel with shear strength of standard plywood

QuietWood is a multi-layer, engineered, internally damped panel, ideal for use in remodeling and new construction. QuietWood reduces unwanted noise and sounds between adjacent floors and rooms and is used exactly like wood in standard construction. It can be used in place of standard plywood oriented strand board (OSB) and mass loaded vinyl and is ideal for use in sub-floors, exterior walls, and roof sheathing.

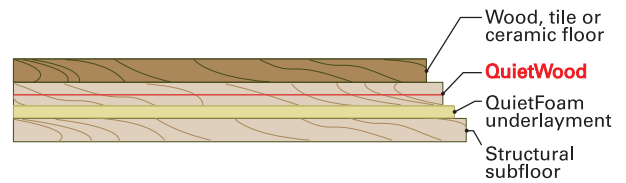
### QuietWood Benefits

- Highest STC ratings of any wood product
- Available in standard 4' x 8' panels
- Costs the same or less than typical assemblies
- High reliability noise reduction, with no acoustic short-circuiting
- Can easily be installed by homeowner or contractor, even over existing floor
- Outperforms resilient channels in STC ratings
- No poured gypsum, reducing weight and risk of mold
- Environmentally friendly, lab tested
- Patents pending

### Product Ordering Codes

Model	Grade	Size	Code
620	AC	4x8	QW620AC4X8
620	CC	4x8	QW620CC4X8
620	MDF	4x8	QW620MDF4X8
630	AC	4x8	QW630AC4X8
630	CC	4x8	QW630CC4X8
630	MDF	4x8	QW630MDF4X8
640	AC	4x8	QW640AC4X8
640	CC	4x8	QW640CC4X8
640	MDF	4x8	QW640MDF4X8

### Low-Noise Floor Assembly



QuietWood is a multi-layer engineered panel made up of plywood and proprietary viscoelastic damping compound.

**Assembly STC: 58 | Assembly IIC: 51**

### Product Specifications

Model	Thickness	Weight	Tolerance	STC	Applications
<b>620</b>	1-1/4"	3.2 lbs/sqft	Min - 1.155" Max - 1.280"	49-55	Lowest-cost assembly
<b>630</b>	5/8"	2.3 lbs/sqft	Min - 0.540" Max - 0.630"	51-62	Shear wall and remodeling, no demolition needed
<b>631*</b>	1-1/8"	3.8 lbs/sqft	Min - 1.035" Max - 1.160"	58 **	Structurally-rated, 1 hour fire-rated, for new construction
<b>640</b>	1-3/8"	4.4 lbs/sqft	Min - 1.285" Max - 1.415"	54-68	High-end home theaters and studios

\*See our companion data sheet for details on our structurally-rated subfloor system

\*\*In specified QuietHome assembly. Others may vary.

### Applications

- Commercial
- Residential
- High-end theaters
- High-end studios
- Remodels