

QuietWood[®] QW-631

Internally Damped Subfloor Panel

Engineered internally damped plywood subfloor system to damp noise and vibration in new building construction and renovation. Ideal for homes, condos, apartments, offices, schools, hospitals, factories and warehouses.

The QuietWood QW-631 subfloor system significantly reduces unwanted noise and sounds and increases STC and IIC ratings in most assemblies. It can be used in place of standard plywood or OSB subfloor for spans up to 36" OC and has a deflection rating of L/720 at 24" OC. Using special polymer layers that inhibit sound and vibration as well as provide enhanced fire protection, QuietWood is a major advance in subflooring systems. QuietWood QW-631 is the first wood subfloor system which can eliminate the use of a cementitious layer with acoustic underlayment to achieve code STC and IIC, thus reducing overall costs and reducing weight by 1/2. Exceeds fire code requirements for 1 hour rated assemblies per ASTM E-119 (see applicable assembly tests).

The Benefits of QuietWood

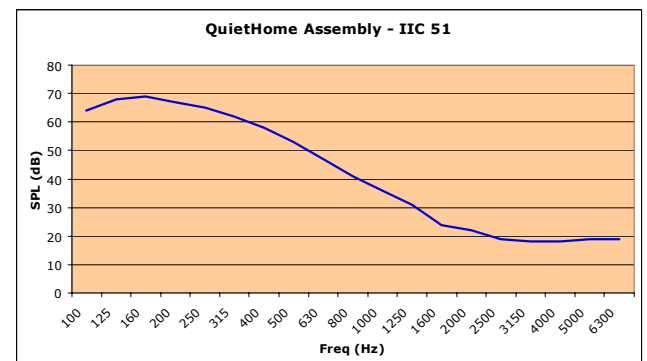
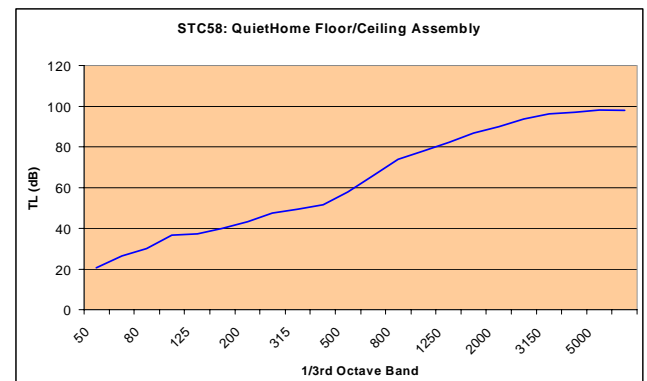
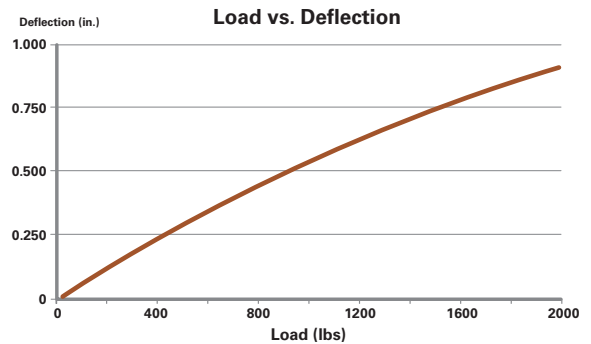
- Can be used in standard construction with excellent results
- May be used to replace cementitious underlayment and achieve required STC and IIC, even with hardwood flooring
- Provides superior high frequency attenuation for both IIC and STC as compared with standard assemblies (better reduction of "high heel" footfall noise)
- Ready-to-use in standard 4' x 8' tongue and groove panels
- Quickly solves difficult noise problems between floors
- Very strong – exceeds 2000 lbs ultimate load at 24" OC (5X required spec and 3X most subfloors)
- Used in most standard fire rated assemblies

Some Typical Applications

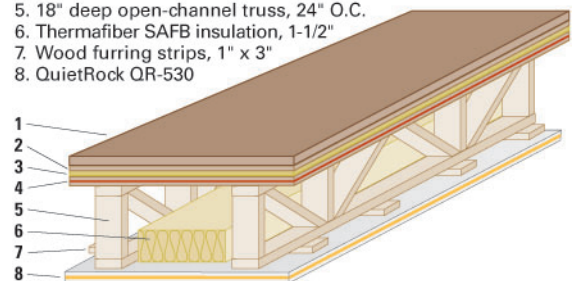
- Multifamily construction
- Home Theaters & Media Rooms
- Recording Studios
- Floor isolation for machinery in industrial applications

Specification

Size:	4' x 8'
Type:	Tongue & Groove
Thickness:	1 1/8"
Tolerance:	Min - 1.035", Max - 1.160"
Weight:	120 lbs
Deflection:	L/720 at 24" OC
Ultimate Load:	Exceeds 2000 lbs at 24" OC
Max Uniform Load:	293 lbs/sq.ft. at 24" OC
Application:	Interior structural subfloor
Notes:	Keep Dry. Not for exterior use.



1. Hardwood surface
2. 7/16" OSB
3. QuietFoam underlayment
4. QuietWood QW-631
5. 18" deep open-channel truss, 24" O.C.
6. Thermafiber SAFB insulation, 1-1/2"
7. Wood furring strips, 1" x 3"
8. QuietRock QR-530



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