



Installation Instructions for QW-620, QW-630, QW640

(See separate installation instructions for QW-631 Structural Subfloor product)

QuietWood is an internally damped engineered wood product which provides significantly enhanced sound isolation and designed to replace standard plywood in any wall, ceiling, or floor construction, including use with wood and metal framing members.

Use QuietWood panels just like any other plywood or MDF product.

The panels can be cut and drilled just like plywood.

No additional labor is required, and install time is the same as standard wood. The only difference is that QuietWood panels may be heavier and thicker (see individual specs for exact data.)

One of the main advantages of QuietWood is that it can be used with standard framing, masonry and concrete construction and still achieve very high sound isolation. Optionally, it can also be used with alternative framing techniques, which can improve the isolation characteristics even further. Please completely read the instructions below before beginning installation and follow all OSHA safety guidelines when installing any Quiet Solution product.

Using QuietWood in New Wall Construction

1. Choose your preferred construction method, such as standard 16" or 24" on center (OC), single staggered, or double stud frame. QuietWood works with wood and metal framing. When using QuietWood with masonry or concrete construction it is necessary to first attach steel studs. We recommend using at least 2" steel studs 16" OC.
2. We recommend filling the stud cavity with insulation.
3. Run a bead of QuietSeal along all joints between the wall, ceiling or floor. QuietSeal is not water soluble, but may be removed with a light solvent such as paint thinner. QuietSeal will remain viscoelastic, (i.e. not dry), so it should not be left exposed. Please see QuietSeal Application Notes for more detailed information.
4. Cut QuietWood to fit around any electrical boxes or openings in the wall as needed, using a standard hand or power saw.
5. Secure QuietWood to the studs using 2" – 3" screws, depending on board thickness, (typically 12" minimum), strapping, or fasteners as required by local building codes. Hold the panel in place until the panel is securely attached.
6. Before putting up the next sheet, apply QuietSeal around the perimeter of each panel if no additional layers will be installed over the QuietWood. Install the adjacent sheet of QuietWood being sure to remove any excess QuietSeal with a rag or putty knife.
7. Repeat steps 2 through 5 until wall is complete.

8. Use QuietSeal to create an acoustical seal around electrical boxes and other penetrations.
9. Finish with stucco or drywall as normal.

Using QuietWood over Existing Subfloor Construction

1. Clean the existing subfloor making sure there are no nails or screws protruding from the surface.
2. Place QuietWood over the existing floor making sure to stagger any joints between the existing subfloor and the layer of Quietwood.
3. Cut the QuietWood panels to fit.
4. Attach QuietWood to subfloor or joists with at least 3 1/2" screws or other fasteners as approved by local building code.
5. Seal around any penetrations with QuietSeal. Remove any excess QuietSeal with a rag or putty knife. QuietSeal is not water soluble, but may be removed with a solvent such as paint thinner. QuietSeal will remain viscoelastic, (i.e. not dry), so it should not be left exposed. Please see the QuietSeal Application Notes for more detailed information.
6. Install the finished floor on top of QuietWood as normal.

Using QuietWood over QuietFoam

1. Install QuietFoam per the application notes.
2. Place QuietWood over QuietFoam, cutting QuietWood when needed. Make sure to stagger any joints between the QuietFoam and the layer of Quietwood.
3. If desired, QuietWood may be secured to the QuietFoam with a construction adhesive, such as QuietGlue. Do not nail or screw down the QuietWood to the surface under the QuietFoam.
4. Install the finished floor on top of QuietWood as normal.

Notes

Use normal care and precaution when working with Quiet Solution products:

- *QuietWood panels may be heavy. Make sure that there are sufficient workers to handle the product, especially when applying to a ceiling.*
- *Lift the panels using OSHA guidelines, e.g. do not bend over and lift using back muscles; instead use leg muscles.*
- *Some QuietWood products contain metal. Be careful when cutting these panels as sparks can lead to ignition of wood dust and chips. Keep fire extinguishers in reach when sawing wood. Use gloves when handling.*
- *QuietWood contains no hazardous materials. Dispose of excess QuietWood in the same responsible manner as you would any building material.*