



Installing Engineered, Laminate, and Bamboo Flooring

We recommend four different installation options (all methods are very common)

- 1) Floating floor method
- 2) Glue only, with the use of an interior plywood underlayment (1/4") installed under the planks.
- 3) Nail the planks directly to the Warmboard.
- 4) Nail and glue the planks directly to the Warmboard.

First and Always...

Follow the specification and installation recommendations provided by the engineered wood or bamboo manufacturer. Also, follow installation specifications and guidelines documented by the National Wood Flooring Association.

Note: Warmboard has a vapor retarder built into the panel, therefore no additional vapor retarder is required. Wood can be installed directly over Warmboard.

Floating Floor Method

This is a great option because the floorboards are locked together at the joints of each board and not nailed or adhered to the subfloor. This allows the whole floor to move as a single unit if a dimensional change within the floor takes place. There is an acoustic padding available that is placed between the Warmboard and the planks. This padding is an excellent upgrade for the system.

Glue Down Method

Warmboard has a vapor retarder built into the panel itself, therefore no additional vapor retarder is required.

For glue down applications we do recommend the installation of 1/4" interior plywood with A rated sanded face (or equal) to be installed directly over the Warmboard.

This plywood should be fastened securely with screws (construction adhesive is optional). See page 19 of this manual to review the best method to avoid tubing damage by using a quick stencil system.

Follow by troweling Bostik's Best (bostik.com), or SikaBond T35 or T55 urethane adhesive (sikaconstruction.com) over the plywood. Complete with installation of planks. Follow all installation details documented by the glue manufacturer.

Nail Down Method

Planks should be nailed directly to the Warmboard. The required vapor retarder is built into the Warmboard panel itself, the aluminum. Do not install any material between the Warmboard panel and the planks.



Installing Engineered, Laminate and Bamboo Flooring (con't)

Installing the planks perpendicular to the tubing pattern is the easiest method. It is important to see the tubing as the planks are nailed to avoid tubing damage. It is recommended to tongue nail at a 45 degree angle at 6" on centers and use 2" flooring nails. Occasionally, the plank flooring will run the same direction as the tubing. When this occurs, either glue with Bostik's Best (bostik.com), SikaBond T35 or T55 urethane adhesive (sikaconstruction.com), or face nail the plank.

Planks can be nailed down parallel to the tubing pattern, this method will require extra labor. Strategic planning with the layout can avoid face nailing and gluing in many locations. When gluing is required apply a engineered wood urethane adhesive such as applying Bostik's Best (bostik.com), SikaBond T35 or T55 urethane adhesive (sikaconstruction.com)

Nail and glue the engineered wood directly to the Warmboard

Planks should be nailed directly to the Warmboard. The required vapor retarder is built into the Warmboard panel itself, the aluminum. Do not install any material between the Warmboard panel and the planks except the glue.

For glue down application trowel on the adhesive directly over the Warmboard using Bostik's Best (bostik.com), or SikaBond T35 or T55 urethane adhesive (sikaconstruction.com).

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Acclimate Wood

Review page 12 of this manual for important information.

Important - Surface temperatures of the installed hardwood should not exceed 85°F.



Hardwood Manufacturers

Company	Phone	Website	Engineered Products Approved for Radiant	Solid Wood Products Approved for Radiant
Anderson Wood Floors	864-833-6250	www.andersonfloors.com	some	no
Armstrong, Bruce, Robbins	800-233-2823	www.armstrong.com	some	no
Arrigoni Woods	888-423-6668	www.arrigoniwood.com	yes	yes
Authentic Pine Floors	800-283-6038	www.authenticpinefloors.com	yes	yes, 6" wide and less
Award Hardwood Floors	715-849-8080	www.awardfloors.com	yes	yes
Bellawood Hardwood Floors	800-HARDWOOD	www.bellawood.com	yes	yes
Boen Hardwood Floors	888-897-0800	www.boen.com	yes	N/A
BR-111 Exotic Hardwood Floors	800-525-2711	www.br111.com	yes	no
Broad-Axe Beam Company	802-257-0064	www.broad-axebeam.com	N/A	yes
Carlisle Wide Plank	800-595-9663	www.wideplankflooring.com	N/A	yes
Columbia Forest Products	800-654-8796	www.columbiaflooring.com	yes	no
Goodwin Heart Pine Company	800-336-3118	www.heartpine.com	N/A	yes
Hallmark Hardwood Floors	888-551-0888	www.hallmarkhardwoods.com	yes	yes
Heartwood Pine Flooring	800-524-7463	www.heartwoodpine.com	yes	yes
Heritage Wide Plank Flooring	877-777-4200	www.heritagewideplankflooring.com	N/A	yes
Homerwood Hardwood Flooring	814-827-3855	www.homerwood.com	yes	yes
Junckers Hardwood Flooring	800-878-9663	www.junckersh hardwood.com	most	yes
Karelia Hardwood Floors	888-840-3435	www.kareliafloors.com	N/A	most
Launstein Floors	888-339-4639	www.launstein.com	yes	yes
Lauzon Hardwood Flooring	877-427-5144	www.lauzonltd.com/index_en.html	yes	no
LM Flooring	972-417-9900	www.lmflooring.com	some, floating only	N/A
Mannington Wood Floors	856-935-3000	www.mannington.com	yes	yes
Max Windsor Hardwood Floors	909-477-6698	www.maxwindsor.com	most	N/A
Mercier Wood Floors	800-463-7048	www.mercierwoodflooring.com	most	most
Mirage Floors	800-463-1303	www.miragefloors.com	yes	most
Mountain Lumber	800-445-2671	www.mountainlumber.com	yes	yes
Muskoka Hardwood Flooring	800-461-5386	www.muskokaflooring.com	yes	no
Mohawk Hardwood Flooring	800-266-4295	www.mohawk-flooring.com	yes	no
Nordstar Hardwood Flooring	207-799-0010	www.nordstar.net	some	N/A
Satin Finish Hardwood Flooring	800-60-SATIN	www.satinfinish.com	yes	no
Shaw Hardwood Floors	800-441-7429	www.shawfloors.com	some	no
Southern Wood Floors	888-488-7463	www.southernwoodfloors.com	yes	no
Swedish Flooring	360-752-0350	www.swedishflooring.com	yes	N/A
Tarkett Wood Floors	800-842-7816	www.tarkett-floors.com	some	no
The Woods Company	888-548-7609	www.thewoodscompany.com	N/A	yes
Torlys	800-461-2573	www.torlys.com	yes	N/A
What It's Worth	512-328-8837	www.wiwpine.com	N/A	yes
Zickgraf Hardwood Company	800-243-1277	www.zickgraf.com	N/A	yes, less than 5"

For technical assistance call Warmboard toll-free 1-877-338-5493