



Installing Engineered and Laminate Flooring

Engineered floors work really well with Warmboard and are highly recommended for the following reasons:

- Very stable product, so it is not sensitive to expanding and contracting due to environmental conditions.
- Easy to work with: floors are available finished and pre-finished and there are many manufacturers to choose from.
- Many manufactures offer a floating floor installation where no gluing or nailing is required.
- They have a life span ranging from 30 to 100 years.

First and Always...

Follow the specification and installation recommendations provided by the Engineered Wood Manufacturer. Also, follow installation specifications and guidelines documented by the National Wood Flooring Association.

Note: Warmboard has a vapor barrier built into the panel, therefore no additional vapor barrier 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 Engineered wood. This padding is an acceptable option for our system.

Glue Down Method

When installing with glue, use Bostiks Engineered Flooring Adhesive or SikaBond T35 or T55. These are moisture cure urethane adhesives designed for engineered wood. Refer to www.bostik.com / 800-726-7845 or sikaconstruction.com / 800-933-7452.



Installing Engineered and Laminate Flooring (con't)

Nail Down Method

Engineered wood should be nailed directly to the Warmboard. The required moisture barrier is built into the panel itself; the aluminum. Installing the hardwood perpendicular to the tubing is the easier method. It is important to see the tubing as strips 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 strip flooring will run in the same direction as the tubing. When this occurs, either glue with Bostiks EFA (bostik.com) or face nail the strip.

Acclimate Wood

Low moisture content of the wood strips is an important characteristic for stability. It is crucial to acclimate the wood. Bring the wood strips to the job site and sticker them, meaning pull them out of their boxes and set up so air can circulate around them. Acclimation time can vary, but two weeks is recommended. The wood flooring should not be delivered on the job site until the interior plastering and painting are completed and dry.

The radiant floor heating should be in good operation also before the wood arrives. It is best to operate the radiant floor system for a few weeks to help bring down the moisture content of the Warmboard Subfloor. This procedure should take place no matter what time of the year the wood is being installed.

Humidity control on the job site is crucial in some areas of the country. It may be required to operate the air conditioner to control the indoor humidity a few days before the wood is delivered. Keeping the indoor humidity between 30%-50% range will keep the wood stable.

Important - The surface temperature of the installed Engineered Wood should not exceed 85°.



Hardwood Manufacturers

Company	Phone	Website	Engineered Products	Solid Wood Products
			Approved for Radiant	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
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
Bellwood Hardwood Floors	800-HARDWOOD	www.bellwood.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
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	no
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"