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# How Engineered Hardwood Is Made



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Today, more than 50% of all wood floors installed in the U.S. are constructed using engineered hardwood. Engineered wood flooring comes with all of the natural beauty of solid wood plus the strength and versatility to withstand the modern pace of life. If you wonder how engineered hardwood is made, you have come to the right place. This article provides information on how [engineered hardwood flooring](#) is made, and some of the many benefits of hardwood floors.

## What Is Engineered Hardwood?

Engineered hardwood is constructed of both hardwood and plywood materials. It's made up of anything between 3 and 12 layers of ply. Engineered hardwood flooring is a great way to add timeless beauty to any room in your home. The construction has high-performance and durable qualities to maintain your floor in tiptop condition for many decades to come.

Each layer of wood in an engineered hardwood floor is positioned in a different direction to prevent the engineered hardwood from bowing and warping under moist conditions similar to solid wood floors. Engineered wood floors are easy to clean and maintain over time.

## How Engineered Hardwood Is Made

There are three main sections to an engineered hardwood floor such as the top layer, the central core, and the backing layer. The solid top layer has the pattern and color you normally see and feel when you walk on an

floor. Most engineered wood floors can be recoated regardless of the thickness of the wear layer. The middle layer of the floor is known as the central core.

Each layer of the central core is laid at a 90-degree angle to the layer that is above or below. This is done to ensure maximum dimensional stability. The core layer is usually made up of a composite of softwood, high-density fiberboard, or plywood. The central core gives stability to the engineered wood floor. Below the central core, there is the backing layer for increased strength and durability.

## Different Materials & Types Of Engineered Hardwood Floors

Engineered wood floors are categorized by their installation method, and there are three types of installation methods:

- The adhesive installation method - The planks are glued onto the subfloor
- The nail-down installation method - The planks are nailed down onto the wooden subfloor
- The click-lock installation method - The tongue-and-groove planks are clicked together without any adhesive or nails

## Materials

- Oak
- Hickory
- Birch
- Maple
- Bamboo

## Benefits Of Engineered Hardwood Flooring

1. Extreme durability
2. Looks like real wood
3. Aesthetically appealing
4. Engineered wood floors can be sanded and refinished
5. They are easy to install, clean, and maintain
6. It won't break the bank
7. Engineered wood doesn't expand or contract to the same extent as solid wood
8. They are available in a whole range of species, grades, and finishes

If you are looking for high-quality hardwood flooring installation in Idaho Falls, you don't have to look further than [Classic Flooring](#). We offer the widest selection of high-quality flooring in Idaho Falls.

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### What is engineered hardwood flooring?

Engineered hardwood is a type of wood flooring made from multiple layers of real wood and plywood or high-density fiberboard, topped with a genuine hardwood wear layer for a natural look.

### How is engineered hardwood different from solid hardwood?

Solid hardwood is a single piece of wood from top to bottom, while engineered hardwood is built from several cross-layered plies with a hardwood top. This layered construction makes engineered floors more dimensionally stable and less prone to warping.

### Can engineered hardwood be sanded and refinished?

Many engineered hardwood products can be recoated or lightly refinished, depending on the thickness of the wear layer. Thicker wear layers allow for more refinishing over the life of the floor.

### What installation methods are available for engineered hardwood?

Engineered hardwood can be installed using glue-down, nail-down, or click-lock floating methods, making it versatile for different subfloors and job conditions.

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Mark, Kyle and the rest of their team are very professional and are obviously passionate about what they do. I am very happy with their work and will be referring them to my family & friends. Thanks guys!

*Taylor W.*

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Mark & Kyle have always been fantas with. They do great work and I would them to anyone in Idaho Falls looking hardwood flooring.

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