

TESORO WOOD FLOORING 101

[Tesoro Luxury Engineered Hardwood Flooring](#) is specially designed, handcrafted, and selected to offer the most beautiful wood flooring in the market today! In order for wood flooring to be fully enjoyed it must first be understood, and as you know, this begins with a good education for both the installer and the homeowner to ensure expectations are understood and that it is installed professionally.

Let us now look at some of the defining aspects of wood flooring and what some of these terms really mean, especially when considering [Tesoro Luxury Engineered Hardwood Flooring](#).

1. What are the benefits of engineered hardwood flooring?

- Engineered hardwood flooring offers many of the same benefits as solid hardwood flooring, but with increases in accessibility, sustainability, durability, versatility, and affordability.
 - **Accessibility** to a wider range of colors, grades, and finishes to better suit more home or project needs and styles. Engineered hardwood is also lighter than natural hardwood making it more compatible for things like apartment installation as well as making it more manageable to work with during any installation.
 - **Sustainability** is increased by having a reduction on the natural resources of the wood. By reducing the amount of solid hardwood needed to achieve the same look, there is the ability to create more flooring with less hardwood needed.
 - The **durability** of engineered wood flooring comes from a few fronts. By having a multilayer core made of high-quality wood, rather than a single solid piece, there is a major reduction in the amount of expansion, contraction, and warping that can normally be found in the temperamental nature of solid wood flooring. This core's uniquely designed construction also means that this material can be placed in both residential applications and light commercial applications!
 - The **versatility** of engineered hardwood far exceeds that of natural hardwood by once again coming back to the core of the product. The core being made with more durable and stable material means that you can enjoy this beautiful product in a wider range of applications with less worry, including kitchens, bathrooms, mudrooms, and basements. This core also means the material can be produced in larger formats which also allows for a reduction in the number of joints across the floor.
 - **Affordability** is increased in engineered hardwood flooring by including all the above reasons, in addition to the actual purchase of the flooring. By reducing the amount of hardwood needed for each plank the overall price is also reduced, thus making engineered hardwood the more economical choice while still retaining the captivating look and feel of natural hardwood floors.

2. Where does the wood veneer & plywood core come from?

- The Tesoro NaturaLux and Tesoro PremierLux are both made with a Eucalyptus plywood core and finished with a European White Oak veneer.
- European White Oak is a popular choice for the veneer layer of engineered hardwood as it is noted to be more uniform in coloration with a tighter grain pattern and fewer knots allowing for a more consistent finished product.
- Eucalyptus wood is found to be both extremely stable and durable which allows the finished product to have those same qualities.
- The layers within the plywood core of the Tesoro Luxury Engineered Hardwood Flooring are assembled in an opposing grain format to make it even stronger as well as more versatile, stable, and durable.
- Tesoro NaturaLux is made on a 3/8" core with a 1.2mm veneer making it an economical option without sacrificing quality or appearance.
- Tesoro PremierLux is made on a 5/8" core with a 4mm veneer. The thicker veneer of the Tesoro PremierLux makes it even more durable and allows the homeowner the option to sand and refinish the floor if desired or needed. The thicker plywood core also increases the stability of the wood plank meaning that it is able to be produced in the wider and longer 9.5" x 86" plank.

3. How is a tree cut to make wood flooring veneers?

- The 3 primary ways that the trees can be cut during veneer production are either peeled, sliced, or dry-sawn.
- **Dry-sawn veneer** begins with milled lumber that is separated into various grades and stored in a drying kiln to allow the material to dry slowly. The lumber is then sawn to the desired thickness, much like that of solid wood flooring process. This method of processing the wood allows for the highest retention of visual appeal and grain structure.
- **Sliced veneer** also begins with milled lumber, much like the dry sawn process, however this lumber is placed into conditioning tubs prior to production. This allows the material to soften so that it may be more flexible and easier to cut. This process reduces waste as it does not allow for the production of sawdust as well as allows for an increase of usable material. Although the veneers produced in this process do tend to be thinner than that of the dry-sawn process, this procedure still allows for the retention of the original look and finer grain pattern of the wood.
- Unlike the previous processes, **peeled veneer** begins with a log rather than lumber. The log is conditioned, typically through a boiling process, and then onto a rotary blade to be cut in a circular pattern that peels the wood into ultrafine layers, much like that of a pencil going through a sharpener. This process reduces the retention of the natural finer grain and displays those larger grain patterns like those seen in plywood. Veneers produced in this format are so thin that for refinished purposes they are unable to be sanded, only screened.
- For more information on this veneer production, please watch the following video.
<https://www.youtube.com/watch?v=VFoTwFP5Qi4>
- The Tesoro PremierLux is topped with a beautiful dry-sawn veneer allowing for the most beautiful hardwood finish. The Tesoro NaturaLux utilizes a gorgeous, sliced veneer layer to allow for a more cost-effective option without sacrificing quality.

Dry Sawn Face

Sliced & Rotary Peeled



We are excited you are promoting Tesoro Wood Floors, and we know your customers will be very happy when they are installed correctly! If you have any further questions consult the Tesoro Guidelines, the NWFA Guidelines or call Bill Behr at 407-448-5128.