



Real wood made to endure.

GENUINE WOOD DECKING





NOW THERE'S A GENUINE WOOD DECKING SOLUTION THAT WILL CHANGE THE WAY YOU THINK ABOUT WOOD DECKING. ONE THAT RESISTS THE HARMFUL EFFECTS OF NATURE AND REMAINS BEAUTIFUL. IT'S WOOD DECKING THAT COMBATS HARMFUL SHRINKING AND SWELLING, FIGHTS CRACKING AND CUPPING, AND REMAINS RESISTANT TO THE DECAY AND DISTORTION CAUSED BY MOISTURE.

INTRODUCING **PERENNIAL WOOD™ DECKING** FEATURING **TRULAST™ TECHNOLOGY**. REAL WOOD DECKING THAT'S MADE TO ENDURE.





More wood to enjoy. Less to worry over.



## THE NEXT GENERATION OF WOOD DECKING.

*Perennial Wood™ is real wood that's been modified to endure. Thanks to our proprietary TruLast™ Technology, Perennial Wood resists change from moisture and remains dimensionally stable for decades. Combining wood's natural beauty with lasting peace of mind, you can count on Perennial Wood for a deck that looks great and stays looking great.*

### TRULAST TECHNOLOGY: TIME AND MOVEMENT MEET THEIR MATCH.

TruLast Technology permanently transforms the wood's cellular structure throughout using heat, pressure and an organic compound. Once modified, the wood is three times more resistant to shrinking and swelling, resulting in less cupping, bowing and warping.

### 25-YEAR WARRANTY.

TruLast Technology modifies the wood to the core, providing a physical barrier throughout that's guaranteed to protect against rot, decay and movement for 25 years. It means getting the beautiful wood deck you want, without the worries you don't. For complete warranty information, visit [PerennialWood.com](http://PerennialWood.com)

### AUTHENTIC, BEAUTIFUL WOOD.

Perennial Wood looks like genuine, beautiful wood, because it is real wood — made from renewable resources and manufactured in the USA. It's not pressure-treated with heavy metals, it's not an artificial composite, nor is it molded from plastic. It's simply real wood with real character that's been modified to last longer — adding lasting value and charm to your home.



### EFFECT OF MOISTURE ON UNMODIFIED WOOD vs. PERENNIAL WOOD

Wood shown after one minute of water exposure.

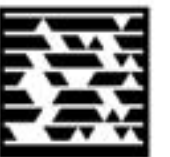
Unmodified wood bows, swells and distorts when exposed to moisture from rain and humidity.



Perennial Wood featuring TruLast Technology resists moisture and remains truer to form.



Scan this Microsoft® tag with your smartphone to watch a Perennial Wood demo online.





## REAL WOOD MODIFIED TO PERFORM.

*With TruLast™ Technology, Perennial Wood™ is able to remain dimensionally stable for decades, providing a deck you can worry about less and enjoy more.*

TruLast Technology works by replacing the wood's water-loving (hydrophilic) cell groups with water-hating (hydrophobic) groups. The resulting Perennial Wood boards and components remain straighter, smoother and harder, and are three times more resistant to shrinking and swelling than raw wood – without compromising the wood's natural appearance.

▶ **THREE TIMES MORE STABLE** than untreated wood, minimizing warping, bowing and cupping.

▶ **25% MORE SURFACE HARDNESS** than raw wood once modified with TruLast Technology.

▶ **MODIFIED TO THE CORE** providing a physical barrier throughout against rot and decay.

▶ **WORKABILITY AND MACHINABILITY** of wood, simplifying installation because no special tools are needed.

## WOOD AT ITS BEST, EVEN WHEN NATURE ISN'T.

After five years of exposure (pictured right), modified wood decking maintains its shape, shows no signs of significant breakdown and remains resistant to the elements. Unmodified lumber succumbs to the effects of weathering.

- ▶ **COMBATS CRACKING:** As time passes, modified wood is significantly more stable, minimizing cracking and deterioration.
- ▶ **PRESERVES BEAUTY:** After five years of exposure, modified wood is shown to maintain a smooth, comfortable surface.
- ▶ **STANDS UP TO SHRINKING/SWELLING:** Modified wood minimizes movement, keeps its shape and reduces potential for loose fasteners while minimizing uneven gaps.

### MODIFIED WOOD vs. UNMODIFIED WOOD AFTER FIVE YEARS OF EXPOSURE<sup>1</sup>

MODIFIED WOOD DECKING



Maintains Shape (inside and out)

UNMODIFIED WOOD DECKING



Cracking





## A COMPLETE SYSTEM: LASTING CONSISTENCY IN EVERY PIECE AND DETAIL.

*Deck boards are just the beginning. Perennial Wood™ railings and decking components add classic architectural style and a bold profile to your deck – giving you a cohesive system that’s as beautiful as it is enduring.*



**Top Rails:** Classically designed with a comfortable grip that’s both elegant and functional.



**Bottom Rails:** A crisp, clean look with bottom rails that are slightly sloped to allow water to run off.



**Balusters:** Built to fit seamlessly with the bottom rail and remain straight for years to come.



**Posts:** Engineered with multiple boards for great-looking, long-lasting performance.



**Stair Treads:** Grooved treads finish the look and provide a great entry to the deck.



**Fascia:** Cover your substructure for a completely consistent, finished appearance.

### WE FINISH. YOU ENJOY.

Perennial Wood deck boards and components come factory finished with a consistent, multi-coat application. Once installation is complete, you can sit back and enjoy your beautiful new deck.



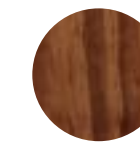
Cape Cod Gray



Cedar



Redwood



Mahogany

### MAINTENANCE MADE FLEXIBLE.

Perennial Wood comes with a two-year color fade guarantee. As with all materials, years of sun exposure will slowly fade the finish, so when you’re ready to refresh your deck, Perennial Wood decking gives you the most options:

- ▶ **REFRESH:** Simply use water with a mild, pH-neutral cleaner to spruce up the appearance of your Perennial Wood deck.
- ▶ **RE-STAIN:** Add a fresh coat to your deck, reinvigorating your original color.
- ▶ **RE-COLOR:** Strip off your old stain and change the color. Because Perennial Wood is modified to the core, refinishing won’t affect the wood’s ability to endure.
- ▶ **REPAIR:** For incidental scratches, don’t worry. Simply touch up the spot with matching stain.

*From bottom rails to balusters: everything you need.*





Wood that's as genuine as the people on it.



## REAL WOOD THAT'S SURPRISE-FREE, HEADACHE-FREE AND LASTING.

*Perennial Wood™ looks, acts and works like real wood—because it is real wood. We ensure the highest quality through a stringent sourcing process—choosing only premium wood to modify with TruLast™ Technology. It's all the best parts of authentic wood, simply made to last longer.*

### **NO SPECIAL TOOLS NEEDED.**

Perennial Wood decking can be cut, shaped, sanded and drilled with common woodworking tools and fastened with common stainless steel screws, nails and hidden fasteners readily available at home centers. For complete installation details,<sup>1</sup> visit [PerennialWood.com](http://PerennialWood.com)

### **A RAILING SYSTEM, SIMPLIFIED.**

The Perennial Wood railing system can be assembled in a few easy steps for a great finished look. The top rail cap and bottom rail are designed to line up and evenly space the balusters, which are pre-drilled to avoid misalignments.

### **BIG ON BENEFITS. SMALL ON HASSLES.**

With Perennial Wood, there's minimal hassle. Every board and component is made of high-quality materials, helping to make installation go quickly and smoothly. Furthermore, Perennial Wood comes factory finished so you can use your deck the day you install it.

### **SAVE ON SUBSTRUCTURE.**

Perennial Wood is lighter than most composites — easing the load on your deck's substructure — and code-approved for use on 24" centers. This allows you to purchase less substructure material.<sup>1</sup> Perennial Wood decking is also compatible for use with standard substructures.



### ***Peace of mind comes with every deck board.***

With Perennial Wood, you not only get a beautiful wood deck, but peace of mind to enjoy with it. Every Perennial Wood deck board and component provides a physical barrier throughout protecting against rot, decay and movement — backed by a 25-year warranty. For real wood, it's a big improvement. For you, it's more worry-free deck time.

<sup>1</sup>Local building codes vary, so be sure to check with your municipality for regulations in your area



Grown in the forest. Improved upon by science.



## A DECK YOU – AND THE EARTH – CAN FEEL GOOD ABOUT.

*Perennial Wood™ is an authentic wood decking solution that you can feel good about choosing. Made in the USA from southern pine – a renewable resource – Perennial Wood is a beautiful and sustainable decking solution.*

### **A SUSTAINABLE, LASTING HAVEN.**

Wood is the only naturally renewable building product on the market. More trees are planted each year than are used as lumber – our forests are actually larger and in better shape than they were a century ago.<sup>1</sup> Furthermore, because Perennial Wood decks last longer, the wood needs to be replaced less often, resulting in less material disposal over the long term.

### **TRULAST™ TECHNOLOGY: SCIENTIFIC AND SAFE.**

TruLast Technology is an innovative process that modifies the wood with an organic compound, leaving no toxic substances within the wood.

### **MADE IN THE USA.**

Perennial Wood decking is harvested, made and manufactured in the USA – eliminating the need for shipping wood from offshore sources, lessening the environmental impact.



### ***A sustainable way to add lasting value to your home.***

Adding a sustainable Perennial Wood deck can increase the livability, beauty and value of your home. In fact, on average, 56-72% of a deck's cost can be recuperated when the house is sold.<sup>2</sup> However you look at it, Perennial Wood is a distinctive and long-lasting way to get more from your living space.

<sup>1</sup>Source: Southern Pine Council

<sup>2</sup>Source: Remodeling 2010-11 Cost vs. Value Report. ©Hanley Wood, LLC

## PRODUCT SPECIFICATIONS

PRODUCT	PROFILE	DESCRIPTION
<b>Deck Board</b> 5/4" Grooved-Edge (Actual Size: 1" x 5 1/2")		5/4" x 6" x 12' Perennial Wood™ Deck Board
		5/4" x 6" x 16' Perennial Wood™ Deck Board
<b>Railing System</b> Top Rail – Two Pieces 2" x 4" (Actual Size: 3 1/4" x 2 1/4" Assembled) Bottom Rail – 2" x 4" (Actual Size: 1 1/2" x 3 1/4")		2" x 4" x 6' Perennial Wood™ Top Rail
		2" x 4" x 6' Perennial Wood™ Bottom Rail
<b>Posts</b> 4" x 4" (Actual Size: 3 1/2" x 3 1/2")		4" x 4" x 4.5' Perennial Wood™ Post
<b>Balusters</b> 2" x 2" (Actual Size: 1 7/16" x 1 7/16")		2" x 2" x 3' Perennial Wood™ Baluster
<b>Fascia</b> 3/4" x 12" (Actual Size: 1/2" x 11")		3/4" x 11" x 12' Perennial Wood™ Fascia
<b>Stair Tread</b> 2" x 12" (Actual Size: 1 3/8" x 11")		2" x 12" x 4' Perennial Wood™ Stair Tread
	 Cape Cod Gray  Cedar  Redwood  Mahogany	

## PERENNIAL WOOD™ vs. ALTERNATIVES

See how Perennial Wood stacks up against alternative decking materials.

Property/Benefit	PERENNIAL WOOD™	PRESSURE-TREATED/ WATER-SEALED	REDWOOD	COMPOSITE	CAPPED COMPOSITE/ PLASTICS	MAHOGANY/TROPICAL HARDWOOD
<b>Weathering</b>						
Maintains original shape	×					×
Resists shrinking & swelling	×		×			×
Resists splintering & splitting	×		×	×	×	×
Resists staining	×	×	×			×
<b>Environmental</b>						
Raw material is a renewable resource	×	×	×			
<b>General</b>						
Pre-finished; can be refinished	×					
Doesn't absorb excessive solar heat	×	×	×			×
Increased surface hardness	×					×
Rigid structural material	×	×	×			×
Price	\$\$\$	\$	\$\$	\$\$-\$\$\$\$	\$\$\$	\$\$\$\$

### The results of insight™

TruLast™ Technology has been developed and is backed by Eastman Chemical Company, a Fortune 500 company with more than 80 years of history in acetylating cellulose and wood fiber.

**EASTMAN**



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