ahc HARDWOOD group

Hardwoods incorporated

VikingWood™

**What is Thermally Modified Wood?**

VikingWood™ is a natural, chemical-free material which is treated under extremely high temperatures (400ºF+). Sugars are cooked away leaving a safe, green alternative to chemically preserved wood.

When hardwood is thermally modified, the process permanently alters the wood's chemical and physical properties when temperatures over 400˚F are reached. The thermal modification process reduces the equilibrium wood moisture content down to a very low range of 5-6%.

**Rot Resistant Wood, Chemical Free**

This new product line, produced at our Cleveland, GA plant, provides a rot-resistant wood with no added chemicals for use in green wood decking and green wood siding projects. VikingWood is also being used in outdoor furniture, window framing, and in interior flooring and bathroom projects where wood stability is crucial.

Manufacturing VikingWood thermally modified wood requires a special thermal modification kiln. The closed-system pressure vessel provides thermally modified lumber for use in applications where decay resistance and stability are crucial.

*"We are excited about the addition of a thermal modification kiln at White County Mouldings in Cleveland, GA,"* says Hal Mitchell, President of Atlanta Hardwood Corporation. *"The closed-system, pressurized kiln utilizes proven European technology and is the first of its kind in North America. By treating under pressure, we can maintain EMC levels in the wood providing stress-free, thermally modified lumber for superior stability and exceptional resistance to weather and fungi-related deterioration".*

**What Wood Species Are Offered?**

VikingWood™ thermally modified lumber will be offered in:

Poplar, Ash, Sweet Gum, Red Oak, Soft Maple, Eastern White Pine, Southern Yellow Pine, and White Oak.

**Vikings Discovered Thermally Modified Wood!**

Centuries ago, the Vikings learned to overcome natural wood's shortcomings by treating it with fire. They discovered that burning the surface of cut wood made it more resistant to the effects of outdoor exposure. Consider this the first instance of wood's thermal modification for construction purposes!

**Contact Us:** 800-476-5393
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