



thermally modified ash wood

Thermal Wood

It has been known for centuries that burning the surface of wood improves its properties for exterior applications. Recent studies have allowed us to advance our knowledge on how to effectively and consistently improve the properties of wood, altering it into what is now referred to as *ThermalWood* or thermally modified wood.

Thermally modified wood is manufactured by using high temperatures and steam. Changes to the natural properties of the wood cause it to retain less water, become more rot resistant and less susceptible to expansion and contraction from environmental conditions. The process also results in a color change that darkens the wood throughout giving it a color that more closely resembles exotic hardwoods.

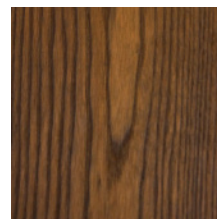
Sustainable Benefits

The domestic hardwood Ash is sourced from North American suppliers who have a sustainability certificate from the National Hardwood Lumber Association (NHLA). The Ash wood is then brought to a processing plant where the wood is thermally modified.

The wood is modified using an environmentally friendly, chemical free process. Only heat and steam are used to alter the characteristics of the material improving the properties of the wood.

Key Benefits:

- Modified using an environmentally friendly, chemical free process
- NHLA Sustainable Certified wood sources
- North American wood sources and processing
- Improved decay resistance
- Improved dimensional stability
- Consistent dark color throughout



THERMALLY
MODIFIED ASH



AGED THERMALLY
MODIFIED ASH

