



ARBOR
WOOD CO.

THERMALLY MODIFIED ASH MECHANICAL PROPERTIES

Arbor Wood Co.

1025 LONDON ROAD
DULUTH, MN
55802

1-855-414-2727

arborwoodco.com



MATERIAL:

Thermally modified wood siding: Arbor Wood is produced in kilns developed by Jartek, a registered member of the International ThermoWood Association, and the technical data that is provided by the association applies to their products. Thermowood products are modified at temperatures between 185-225 degrees Celsius. The modification kiln uses high heat and steam to affect the structure of the cell walls rendering the wood hydrophobic.

To reduce fading, checking and other damages caused by UV that are not covered in the warranty Arbor Wood recommends their products be coated with a UV stable finish. We recommend using CUTTEK EXTREME full synthetic oil-based wood protection system. More info here: <https://cutekstain.com/products/wood-protection>

Manufacturer's Limited Warranty summary statement for Arbor Wood material: Manufacturer warrants products are free from manufacturers' defects and are within industry standard for variations in grain, color, texture of the chosen wood species. The limited material warranty defines protocol if the product is found to have a manufacturer's defect or premature failure not caused by other forces or acts. This warranty does not include color change or weathering.

1. Warranty period for siding and trim: 15 years prorated from date of installation.

SIDING CLIPS:

SUMMARY: Provide rain screen wood siding system and accessories.

1. Horizontal rain screen wood siding application with concealed fasteners.
2. Vertical rain screen wood siding application with concealed fasteners.
3. Diagonal rain screen wood siding application with concealed fasteners

Use manufacturer's recommended rain screen clips and fasteners.

Information of siding clip and installation instructions available upon request.

MECHANICAL PROPERTIES FOR THERMALLY MODIFIED WHITE ASH

ASTM D143- Static Bending	
Max Flexure Load	(lbf)
Median	411.38
Max. Compression	661.86
Min.	181.42
ASTM D143- Hardness	
Compressive Load at 0.25 in.	(lbf)
Median	1786.69
Max.	2324.07
Min.	1255.27
ASTM D143- Cleavage/ Split Resistance	
Tensile Load	(lbf)
Median	224.69
Max.	314.35
Min.	144.49
ASTM D2395- Moisture content, Specific Gravity	
Volume by Measurement	
Average Moisture Content	4.69%
Average Specific Gravity	0.581
Density reading	lb/ft3
Median	36.306
Max.	40.728
Min.	30.971



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