

# KLAASWOOD

## Thermally Modified Wood

### What is a Durability Class of Wood?

In essence, the durability class of wood provides insight into its longevity. Wood classified in durability class 1 boasts exceptional durability, while class 5 wood indicates minimal longevity.

The durability class of wood signifies its expected lifespan. This determination involves subjecting the heartwood to bacteria, fungi, or mold to assess its resistance. Through this process, researchers identify which wood types are resilient and which are not. Wood with high durability typically offers an extended lifespan and is often associated with superior quality.

### Why Does Durability Class 1 Matter?

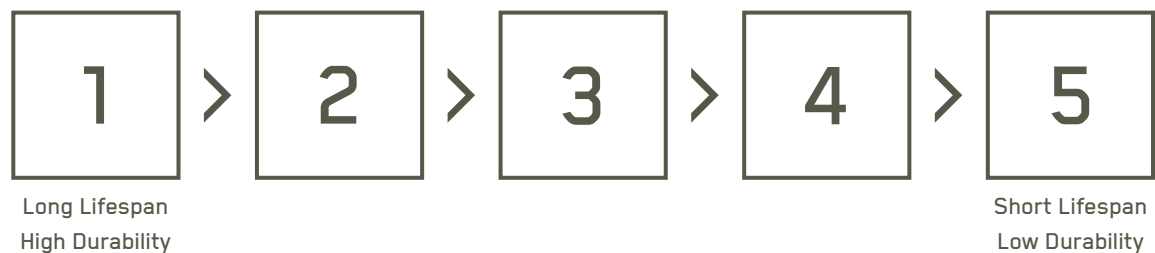
Durability Class 1 is the highest level of durability to be achieved, outperforming many other exterior product options. This provides you and your customers with peace of mind; KLAASWOOD will be durable enough and strong enough to last.

Class 1 durability has exceptional longevity, requires minimal maintenance, and offers sustainability benefits by reducing the need for replacements. It signifies superior quality and reliability, making it an ideal choice for applications demanding durability, such as outdoor structures and decking. Architects, contractors, and homeowners value Class 1 wood for its assurance of long-lasting performance.

### KLAASWOOD Provides First Class Durability

- KWD Pine achieves a Durability Class 1 Rating for both Siding & Decking
- KWD Oak achieves a Durability Class 1 Rating for both Siding & Decking

### Durability Class Ratings



### Questions?

Please visit [www.klaaswood.com](http://www.klaaswood.com) for more information.

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### Why You Can Be Confident in KLAASWOOD's Process

KLAASWOOD products have undergone rigorous testing both in the lab and in the field.

KLAASWOOD thermally modified wood was compared with chemically treated wood and non-treated wood in a field test conducted in Malaysia, where climates reach an average humidity of 81% and there is an average of 79" of rainfall per year. KLAASWOOD shows minimal signs of decay and performs just as well as chemically treated wood; the non-treated wood shows severe signs of fungal attack after six years of field testing.



### Why You Can Be Confident in KLAASWOOD's Species

KLAASWOOD primarily sources Logleaf Pine, which is the densest species of Southern Yellow Pine (as there are 10 different species of SYP alone), guaranteeing the highest quality SYP raw material available.

KLAASWOOD has specific requirements for Wane allowance and Knots allowed (see grading sheet) and sources only B&BTR grade. This is why KLAASWOOD claims PRIME GRADE MATERIAL for our raw material sourcing of SYP.

Choosing KLAASWOOD means choosing the highest quality; from the raw material selection to the finished product. This provides you & your customers with peace of mind, that KLAASWOOD was thoroughly developed with excellence in mind from the start.

### Questions?

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