

# MODIFIED VERTICAL GRAIN SOUTHERN YELLOW PINE

Architectural Grade Quartersawn Product for Siding, Trim & Decking

## AESTHETIC EXCELLENCE MEETS CLASS 1 DURABILITY

KLAASWOOD Modified Vertical Grain Southern Yellow Pine is a premium quartersawn product curated to meet the aesthetic desires of architects, designers, and homeowners while offering natural enhanced stability and exceptional performance.

The quartersawn cut produces a uniform pinstripe grain appearance prized in high-end residential and commercial projects. When combined with KLAASWOOD's modification process, the result is a product that delivers superior dimensional stability, Class 1 durability, achieving a 25+ year lifespan, and the refined aesthetic demanded by today's design professionals.

### KEY BENEFITS:

#### INDUSTRY LEADING 25-YEAR WARRANTY

##### Aesthetic Appeal

- Uniform pinstripe grain appearance from quartersawn cutting
- Clean, consistent visual presentation valued by architects and designers
- Accepts paint, stain, and color finishes for design flexibility

##### Enhanced Stability

- Natural dimensional stability from quartersawn orientation
- Further improved through KLAASWOOD's modification process
- Reduced warping, cupping, and twisting compared to flat-sawn lumber

##### Class 1 Durability

- Achieves 25+ year lifespan without chemical treatments
- Modified to resist rot and decay
- Suitable for exterior applications in demanding environments

##### Made in USA

- Sourced, modified, and manufactured domestically
- Supports American forestry and manufacturing
- Consistent quality and supply chain reliability

### PRODUCT SPECIFICATIONS:

#### AVAILABLE PROFILES:

##### Siding:

- 1x4
- 1x6
- 1x8

##### Trim:

- 5/4x4
- 5/4x6
- 5/4x8

##### Decking:

- 2x6

- **Species:** Southern Yellow Pine (Quartersawn)
- **Durability Class:** Class 1 (25+ year lifespan)
- **Modification Process:** KLAASWOOD Hydrolysis Modification Process
- **Finish Compatibility:** Accepts paint, stain, and color finishes
- **Origin:** Sourced, modified & made in the USA

#### APPLICATIONS:

- Exterior siding for residential and commercial projects
- Trim and fascia for architectural detailing
- Premium decking for outdoor living spaces
- Interior accent walls and ceilings
- Specialty millwork and custom applications

**TECHNICAL PERFORMANCE:**

- **Dimensional Stability:** Enhanced through quartersawn cutting and modification
- **Moisture Resistance:** Reduced hygroscopic movement compared to flat-sawn lumber
- **Decay Resistance:** Class 1 durability without chemical preservatives
- **Finish Adhesion:** Excellent adhesion for paints, stains, and clear finishes
- **Fire Resistance:** Class C - Siding. Class B - Trim/ Decking. Class A - Available add-on with additional FR Treatment



Pine Siding  
PDS Sheet



Pine Decking  
PDS Sheet

**WHY VERTICAL GRAIN?**

Vertical grain (quartersawn) lumber has been the preferred choice of architects and craftsmen for centuries. The cutting method produces wood with:

- Tighter, more uniform grain patterns
- Superior dimensional stability
- Reduced seasonal movement
- Enhanced natural durability
- Distinctive aesthetic character

KLAASWOOD's modification process amplifies these natural advantages, creating an architectural grade product that meets the performance demands of modern construction while delivering the timeless aesthetic of traditional quartersawn lumber.

**SUSTAINABILITY:**

- No chemical preservatives or treatments
- Domestically sourced from sustainably managed forests
- Modification uses heat and steam only
- Reduced maintenance requirements over product lifespan
- Lower environmental impact compared to chemically treated alternatives

**Questions?**

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

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**WARRANTY & SUPPORT:**

KLAASWOOD Modified Vertical Grain Southern Yellow Pine is backed by KLAASWOOD's industry leading 25-year comprehensive product warranty. Technical support, installation guidance, and product samples are available through KLAASWOOD and authorized distributors.