

# KLAASWOOD®

## Trim Installation Guide

### Disclaimer

Before installing KLAASWOOD®, verify compliance with local building codes for your project to ensure it aligns with regional requirements. Additionally, consult your local building office to understand any necessary permitting requirements. Please note that drawings and schematics indicating screw and nail placement are provided for reference purposes only.

When working with KLAASWOOD®, always prioritize safety by wearing safety glasses and a dust mask. Activities such as drilling, sawing, sanding, or machining wood products generate wood dust; hence, avoid inhaling it or use a dust mask and other protective measures.

KLAASWOOD® recommends sealing cut boards with a clear, water-resistant penetrating sealant for added protection.

### Consider following these guidelines

- **Primer:** If primed material undergoes field cuts or exposes wood, it must be re-primed with a minimum of 6 wet mills of primer before installation to meet warranty requirements. Extended exposure of primed products requires re-priming all surfaces before applying final coatings. Use a high-quality exterior oil or acrylic latex primer designed for wood.
- **Surface Preparation:** Ensure all surfaces are free from dirt, dust, mildew, and other foreign materials. Surface washing with water and mild detergent may be necessary, allowing ample time for surfaces to dry completely before painting.
- **Opt for satin/semi-gloss or full gloss exterior acrylic latex over a flat finish for enhanced performance.**
- **Thoroughly coat all exposed surfaces, paying extra attention to the bottom edge in horizontal applications, given its susceptibility to moisture.**
- **Apply the topcoat to the material with a moisture content of 15% or less.**
- **Top-coat all exposed surfaces with 2-3 dry mills of high-quality, 100% acrylic coating within 60 days of installation, meticulously following the manufacturer's published instructions.**

### Installation

- It is advisable to utilize conventional woodworking tools for the task. Optimal results are achieved with power saws equipped with a carbide-tipped combination blade. Ensure that cuts are consistently made into the finished face. Additionally, it is essential to apply a high-quality primer/paint/sealant to all cut or machined areas.
- Apply caulk whenever KLAASWOOD® trim meets other materials like siding, windows, or doors. Choose a premium exterior-grade caulk with flexibility to accommodate the natural expansion and contraction of wood. Avoid using rigid or hard-setting caulks. Ensure all joints are positioned over a structural framing member and undergo priming and caulking to safeguard against moisture intrusion. In regions susceptible to moisture, it is advisable to incorporate a water-resistant barrier flashing behind the joint. Avoid nailing any closer than ½" from the material's end without first drilling a pilot hole to prevent splitting.
- Utilize 6D or 8D galvanized or stainless steel fasteners or ring shank nails. Ensure that the length of the fastener is sufficient to penetrate at least 1 ½" into the structural framing.
- Secure the KLAASWOOD® product to structural framing, sheathing, or other materials. Double-nail it, maintaining a maximum spacing of 24" on the center or staggering nails every 12" or less. Ensure that nail heads are driven snug with the material surface, avoiding overdriving or countersinking the fasteners. Fasten the material from one end to the other, avoiding the practice of nailing from both ends towards the center to prevent undue stress on the wood.
- Issues with lumber and finishes commonly arise due to moisture, leading to increased expansion and contraction rates - resulting in problems such as nail pops, splitting, checking, and paint degradation. Adhering to proper handling and building practices can effectively prevent most performance-related issues.
- When applying KLAASWOOD® products, it is crucial to install them exclusively on well-ventilated and dry structures. Avoid installation over wet sheathing to mitigate potential problems.
- Maintain a distance of at least 6" above finished grade or landscaping.
- Ensure a minimum of ½" above brick or concrete, with proper flashing in all applications to prevent water infiltration behind the trim.
- Under no circumstances should KLAASWOOD® products be placed where they might come into contact with standing water. For horizontal applications of trim, it is advisable to use flashing.
- Opt for a high-quality paint/ primer/sealant that aligns with the manufacturer's specifications, as the application method and conditions play a crucial role in the coating's performance and, consequently, the substrate.

### Storage

KLAASWOOD® products should ideally be kept indoors or covered away from direct weather before installation. Ensure the boards are flat stacked and at least 12" above ground level. Prolonged exposure to UV rays may cause the boards to fade. Handle the products with care at all times. Although KLAASWOOD® has lower moisture content and experiences less expansion/contraction than standard wood, it is required to allow the wood to acclimate on-site for at least 72 hours in advance to adjust to the moisture levels of the environment before installation.