

KLAASWOOD

Trim Installation Guide

Disclaimer	Installation
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.	• 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 sealing and caulking to safeguard against moisture intrusion. It is advisable to incorporate a water-resistant barrier flashing behind the joint. • Utilize stainless steel fasteners, ring shank or other improved nails. Stainless steel 304 or 316 strongly recommended. • 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. 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.
Fastening	
• To minimize the risk of boards splitting, it is recommended to pre-drill holes to 1/32" less than nail diameter or to 80% of screw shank diameter. This is especially important at board ends or for relatively thick fasteners. • Fasteners should penetrate 1-1/2" (32mm) into solid wood. • Exterior applications require stainless steel fasteners • Stainless steel fasteners recommended for interior installation • For exterior applications, screw fastening is recommended. Optimal holding is achieved by screwing through the face of the board (2 screws per joint). • For 6" wide and above boards, require double fixed fasteners every 24" O.C. (one on each side) to secure board properly.	
Storage	Sealing & Finishing
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.	• Unfinished KLAASWOOD siding can be left in its natural state. Exposed areas to UV will gradually develop a gray/silver hue over time. • To retain natural color, apply a UV-resistant topical coating. Follow the manufacturer's guidelines for coating and application. • To achieve the best appearance, performance, and durability. It is recommended that KLAASWOOD be finished or sealed for all exposed edges and cut ends.