

KLAASWOOD®

Siding Installation Guide

Disclaimer	Installation
<p>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.</p> <p>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.</p> <p>For added protection, KLAASWOOD® recommends sealing cut boards with a clear, water-resistant penetrating sealant.</p>	<ul style="list-style-type: none"> • To achieve the best appearance, performance, and durability. It is recommended that KLAASWOOD® be finished or sealed for all exposed edges and cut ends. • KLAASWOOD® should be installed over a rainscreen to facilitate proper airflow and water drainage for optimal performance. Maintain a gap of ½" or more to ensure adequate air circulation and drainage within the wall cavity. Drainage house wrap or furring strips, spaced no more than 24 inches apart, should be securely nailed directly to vertical support studs or sheathing. • It's crucial to ensure that each board is fully set on the previous one, creating tight seams between boards to enhance the overall installation quality. • KLAASWOOD® can be installed either horizontally or vertically. The interlocking nature of T&G profiles reduces the visibility of fasteners. When installing horizontally, begin at the bottom with the groove edges facing downward. For vertical applications, start at one corner with the grooved edge facing the adjacent wall. Use a level or plumb line to ensure the first board is installed vertically, and trim the grooved edge if necessary for a flush fit. • INTERIOR installation of Thermally Modified Wood within conditioned space does not require the use of "batten strips" or a rainscreen. • The boards should be fastened similarly to interior wall studs. An adhesive may be used to reduce the need for fasteners.
Fastening	<h3>Sealing & Finishing</h3>
<ul style="list-style-type: none"> • It is advisable to predrill holes for all fasteners to minimize splitting. • 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). • As an alternative, fastening through the tongue to eliminate exposed fasteners is acceptable. Blind-nailing is suitable for boards up to 6" (152mm) wide, with one siding nail per bearing toe-nailed through the base of each tongue. • To ensure secure attachment to the structure, nails should be placed through the face of the boards at the beginning and end of the wall or ceiling. 	<ul style="list-style-type: none"> • When prefinished, KLAASWOOD® siding does not require sealing 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.

Storage & Handling

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 still 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.