KLAASWOOD
Decking 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.

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

Ground Level & Rooftop Decks

KLAASWOOD decking products should not be installed directly on the ground or on a rooftop surface. Consistent airflow beneath the decking is necessary to prevent the accumulation of trapped moisture. Always use a substructure frame when installing decking, and maintain a minimum of 4 inches of open space below the decking surface to ensure proper ventilation. If skirting the deck, make sure there are openings or clearance for adequate air circulation.

Joist Spacing

Prior to installation, confirm that deck joists are uniformly spaced and level to ensure proper alignment. Refer to your local building code for the recommended joist spacing. KLAASWOOD. advises a 16" on-center spacing (from the middle of one joist to the middle of the adjacent joist) for all decking products.

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.

Hidden Fastening

Any hidden fastening system will work for KLAASWOOD decking, such as EdgeXclip®

- Do not use an impact driver - only drill with torque adjustments.
- Set the drill to 1/3 of max torque when using the DRIVE™. If the drill has both a Drill mode and Clutch mode, set it to Clutch mode.
- Engage the bit with the screw by pushing the drill down prior to running the drill and fastening.
- Always drive the screw at full speed.
- Only use EDGECLIPS™ and EDGEXCLIPS™ between two boards. Use Starter Clips on the outside groove of your first and last board.
- For the 90° pattern, EDGEXCLIPS™ will also work with butt joints, joists that have blocking/bridging support, and rim joists against the side of the house. EDGECLIPS™ can be used in place of EDGEXCLIPS™ if both legs are broken off.
- Set multiple boards and clips at a time. Push the group of boards tightly together so that they are evenly spaced. Once boards are in position:
  - Fasten a clip every 4 ft. or 3rd joist on the outermost board. This will keep the inner boards in position and prevent the outermost board from tipping up.
  - Fasten down all clips between the inner boards, then fasten the remaining clips on the outermost board.
  - Follow the same process and continue to set and secure a new group of boards and clips next to what you just installed.
- Break off the EDGECLIP™ legs where they overhang on the exterior side (i.e. rim joist with fascia) after driving in the clip.

Face Fastening

In a face-fastened installation using non-grooved boards, it is crucial to pre-drill the face of the board before securing it with an outdoor-rated stainless steel deck screw. Countersinking screws is recommended but not required. Apply construction adhesive on the outside joist to secure the last or outside edge deck boards.