

CAMO Edge Fastening System

KDAT Pressure Treated Lumber Decking

Installation Guidelines



Failure to install CAMO Edge Deck Screws in accordance with this installation guide may affect fastener performance and void product warranty.



CAMO Edge Deck Screws are intended for attaching deck boards directly to deck substructure using CAMO guides. Any other use is not recommended or covered by warranty.

KDAT Pressure Treated Lumber (PTL) Deck Board Installation: Twisting, warping, cupping, and splitting are expected performance attributes with PTL decks. The following installation recommendations will reduce, but not eliminate, the normal behavior of PTL deck boards.

- **KDAT Board weatherization treatment:** KDAT deck boards **MUST** always be sealed with a water repellent with UV protection before or immediately after installation. If you choose a stain, use a penetrating stain with water repellent and UV stabilizer. If painting, use an oil-based primer followed by two coats of latex (acrylic) paint.
- **Board Spacing:** Install Kiln Dried PTL with a minimum of 3/16" gapping between boards. KDAT boards are installed in a thirsty state and will expand slightly as they are exposed to moisture.
- **Airflow/Drainage:** You must have unobstructed airflow under 50% of the deck to allow for sufficient cross-ventilation from one side to the other. This allows the underside of the deck structure to dry and prevents heat build-up.
 - Your deck should not be installed directly over any solid surface such as concrete.
 - **Sleeper Systems:**
 - You must allow a minimum of 1.5" of unobstructed airflow on both ends of the deck beneath the deck in the direction that the joist runs.
 - Never use CAMO Edge Fasteners to attach decking to a floating substructure.
- **Deck Slope:** Your deck surface should be sloped a minimum of 1/4" per 12' of horizontal run to allow for moisture run-off.
- **"Frown down"** is a best practice. When you look at board ends you will see the growth rings of the lumber. Make sure those rings are facing downward—the direction of a

frown—when laid flat on the joists for fastening. This will reduce the natural tendency for the board to cup upward when it dries.

- **Double (sister) joists** at all butt joints (where two board ends meet) on deck surface are required.
- **Fastening with Edge Fasteners:**
 - Do not fasten within 1" of the deck board ends
 - Use two fasteners on every board at each joist location
 - Do not force the Edge screw. Allow the Edge screw to scrape and auger the surface with light pressure. This action allows the Edge screw to enter the board without splitting.

Recommended CAMO guides :

CAMO Marksman Pro® (3/16" gap) and CAMO DRIVE™ (with a secondary 3/16" minimum spacer) are acceptable for KDAT PTL Edge installations

Recommended CAMO Edge screws:

- Alloy/Coating:
 - Stainless Steel: For ultimate corrosion resistance
 - ProTech Coated: CAMO ProTech coated screws are approved for use in treated lumber applications
- Length
 - 1 7/8" CAMO Edge screws are recommended for board thicknesses of 1" or less
 - 2 3/8" CAMO Edge screws are recommended for board thicknesses greater than 1"