

CAMO Edge Fastening System

Pressure Treated Lumber Decking (green/wet)

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.

Pressure Treated Lumber (PTL) “wet/green” state 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.

- **Board Spacing:** Typical PTL (moisture content above 19%) needs little to no gapping between boards at the time of installation. As the boards dry, they will shrink, creating a space naturally.
- **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:* CAMO Edge Fasteners are not recommended for sleeper systems using treated lumber.
- **Deck Slope:** Your deck surface should be sloped a minimum of $\frac{1}{4}$ " 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 DRIVE™ (no gap), CAMO Edge™ Guide (no gap), and the CAMO Marksman Pro®-X1 (1/16" gap) are acceptable for typical 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 $\frac{7}{8}$ " CAMO Edge screws are recommended for board thicknesses of 1" or less
 - 2 $\frac{3}{8}$ " CAMO Edge screws are recommended for board thicknesses greater than 1"