

CAMO Edge Fastening System

Cedar/Redwood 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.

Cedar/Redwood Deck Board Installation: Cedar and Redwood naturally resist moisture which causes splitting, twisting, and cupping, so it tends to be stable as a deck board.

- **Board Spacing:** For Cedar/Redwood deck board installation, CAMO recommends $\frac{1}{8}$ " to $\frac{1}{4}$ " gapping between boards at the time of installation.
- **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.
 - Board gap spacing must be a minimum $\frac{3}{16}$ ".
 - Never use CAMO Edge Fasteners to attach decking to a floating substructure.
- **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:**
 - Always use CAMO Stainless Steel Edge screws

- 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 minimum 3/16" secondary spacing)

Recommended CAMO Edge screws:

- Stainless Steel fasteners are always recommended for Edge installation of Cedar and Redwood deck boards since they reduce the potential for tannin staining
- 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"