

# CAMO Edge Fastening System

## Hardwood 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.

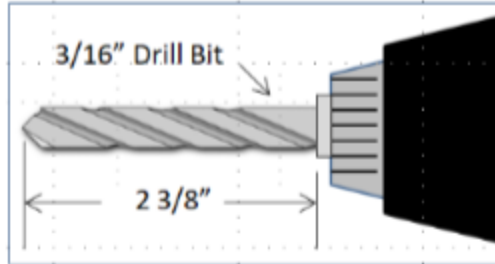
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**Hardwood Deck Board Installation:** Twisting, warping, and cupping are common performance attributes with hardwood decks. The following installation recommendations will reduce but not eliminate the normal behavior of hardwood deck boards.

- **Acclimating:** Tropical hardwood decking needs to be acclimated to the environment prior to installation.
  - We recommend that the boards be on-site at least 7 days prior to installation.
  - Do not store directly on the ground or on top of concrete. Decking should be elevated at least 12" off the ground.
  - Cover the material with a sheet of plywood to keep it dry until installation.
    - Do not cover the material with a tarp or plastic as both can trap moisture.
  - Place 1"x shims/stickers between the rows of boards to allow for airflow.
- **Board Spacing:** A minimum of 3/16" spacing is required to allow for expansion and contraction. Expect 1/8" - 1/4" of side-to-side board shrinkage.
- **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.
  - Deck boards should be installed at least 24" above ground or surface.
  - Sleeper Systems: Typical sleeper systems will not meet the minimum airflow requirements for hardwood installation.
- **Cutting:** Board ends should be sealed with end grain sealant within 24 hours of cutting.
- **Deck Slope:** Your deck surface should be sloped a minimum of 1/4" per 12' of horizontal run to allow for moisture run-off.
- **Double (sister) joists** at all butt joints (where two board ends meet) on deck surface are required.
- **Fastening with Edge Fasteners:** Always use Edge Stainless Steel screws with the following CAMO Pre-drill process
  - Use CAMO 3/16" partial pre-drill bit (item #345035) **with your CAMO Guide in place on the deck board**



(or utilize the partial pre-drill method with your own 3/16" drill chucked at 2 3/8" from the nose of the drill) to eliminate pushout and splitting



- 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 board with light pressure. This action allows the Edge screw to enter the board without splitting.

**Recommended CAMO guides :**

CAMO Marksman Pro® (3/16" gap)

**Recommended CAMO Edge screws:**

- **Stainless Steel:** To 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 over 1"