

# CAMO Edge Fastening System Tropical 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.

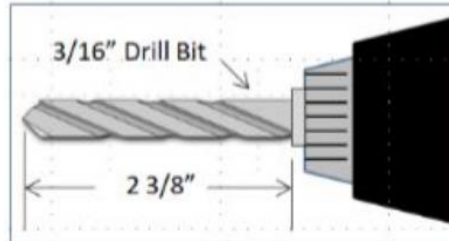
**!** CAMO Edge Deck Screws are intended for attaching deck boards directly to deck substructure using CAMO guides. Any other use is not recommended or covered by warranty.

**Tropical Hardwood Deck Board Installation:** The following installation recommendations will provide optimum performance 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, **where applicable**.
  - Do not store directly on the ground or on top of concrete. Allow space under the boards for air flow.
  - 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 shims/stickers between the rows of boards to allow for airflow and efficient acclimation.
- **Board Spacing:** A minimum of 3/16" spacing is required to allow for expansion and contraction and drill bit clearance. The Marksman Pro tool automatically provides the 3/16" spacing. Expect 1/8" of side-to-side board expansion/contraction.
- **Airflow/Drainage:** You must have unobstructed airflow under 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 humidity build-up.
  - Your deck should not be installed directly over any solid surface such as concrete.
  - Sleeper Systems: Typical sleeper systems may not meet the minimum airflow requirements for hardwood installation without taking further measures to prevent cupping.
- **Cutting:** Board ends should be sealed with end grain sealant directly after cutting.
- **Fastening with Edge Fasteners:** Always use CAMO Edge Screws with the following CAMO Pre-drill process
  - Use CAMO 3/16" partial pre-drill bit **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)



- 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.

**\*\*\*It is highly recommended to apply a thin bead of subfloor adhesive to the top of the joists, underneath the deck boards. This ensures the boards will not 'creak' as the width of the boards can contract under sunlight.\*\*\***

### Recommended CAMO Edge screws:

- Length
  - 1 7/8" CAMO Edge screws are recommended for board thicknesses of 3/4" or less
  - 2 3/8" CAMO Edge screws are recommended for board thicknesses 1" and over.

More info at, <https://www.camofasteners.com/documents/>