

CAMO™ Hidden Deck Fastening System Installation Instructions – CAMO Marksman Pro™

The CAMO Hidden Deck Fastening System is easy to use on treated wood, hardwood, cedar, composite, or PVC deckboards. The following instructions will share the simple installation process to create a beautiful, fastener-free deck surface using the CAMO Marksman Pro. **It is important to note that this is a system - CAMO Hidden Fasteners, CAMO Marksman™ Tools and CAMO Driver Bits are engineered to work exclusively together. Using other branded tools or guides, fasteners or bits will impair performance and not produce the desired results.**

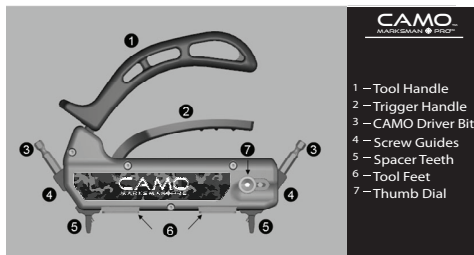
The CAMO Hidden Deck Fastening System meets or exceeds Class 4 AS 3566 and AS 2331.

Before beginning installation of your deck, you will need the following:

- CAMO Hidden Fasteners
- CAMO Driver Bit (included with CAMO Hidden Fasteners; Grooved Board Driver Bits are available separately)
- CAMO Marksman Pro tool
- Drill (set drill speed to highest setting for maximum driving efficiency)
- Optional: L brackets or #7g x 63.5mm trim head deck screws (for the board that abuts the structure)

CAMO MARKSMAN PRO SCHEMATIC:

It is important to be familiar with the Marksman Pro. This tool is used to guide CAMO deck screws into the side of the deckboard and down into the joist. It can be used on any 127mm to 147mm wide and 19mm to 38mm high solid or grooved deckboard. No pre-drilling is necessary, and the Marksman Pro provides automatic 4.7mm spacing between deckboards.



ADJUSTING THE TOOL:



Adjust the CAMO Marksman Pro to fit the boards you are using. Loosen the Thumb Dial at the rear of the tool to adjust the Spacer Teeth to fit the width of your deckboards. The middle setting fits most standard 127mm to 147mm wide solid or grooved deckboards.

THE BOARD ABUTTING THE STRUCTURE:

To begin deck installation, lay the first board that abuts the structure into position. If the abutting board runs parallel to the house or other structure, it may be necessary to face fasten (see options below). If so, we recommend using #7g x 63.5mm trim head deck screws.

You can secure the board abutting the structure in several ways:

- (1) When using CAMO Hidden Fasteners, lay the board abutting the structure in place; at each joist, mark the location for the CAMO fasteners that will be driven toward the structure on the outside edge of the deckboard; pull the board away from the structure and position the Marksman Pro on the desired mark at one end of the board and load one CAMO deck screw into the Screw Guide on the outside edge of the deckboard. Steady the tool and pre-start the screw about 12.7mm into the board. Now back out the screw and squeeze the Trigger Handle to remove the Marksman Pro. Continue this process the entire length of the deckboard. Once you have reached the end of the board, reposition the deckboard with the pre-started holes on the OUTSIDE edge with the board snug to the structure. Now, re-drive the CAMO deck screws into the board. Finish the deckboard by face fastening the inside edge. We recommend using #7g x 63.5mm trim head deck screws.

- (2) face fasten the first board or board and a half

- (3) avoid face fastening by using L brackets to fasten the abutted board from below the deck to the joists.

Once you have secured the abutted board, proceed with installing the remainder of the deckboards using the CAMO System. It is as easy as Set, Load and Drive!

SET



Beginning on one end of the deckboard, squeeze the Trigger Handle of the Marksman Pro and set the tool over the deckboard. Release the Trigger Handle allowing the Spacer Teeth to contract and grip the deckboard. A properly adjusted tool clamps securely to the board. The Tool Feet must be flat on the surface of the board and the tool centered over the joist.

With the CAMO Marksman Pro tool in place on the deckboard, push the deckboard snugly against the previous board. The Spacer Teeth automatically create a 4.7mm gap between the boards.

LOAD



With the tool set on the board, place one CAMO Hidden Fastener into the Screw Guides on both ends of the Marksman Pro tool. Note: if the tool is not set on the deckboard, the screws will slide out of the Screw Guides.

DRIVE



Set drill to highest speed. A high RPM drill is recommended.

Begin on the outside edge at the end of the unfastened deckboard (the edge furthest away from the installed deckboard or abutted board). **No pre-drilling is required.**

The handle of the Marksman Pro is not intended to be weight-bearing. Just steady the Marksman Pro and start drilling, running the drill at full speed throughout. The CAMO screw is designed to spin and auger out material for approximately 12.7mm inch to prevent splitting. Once the screw is started, you may gently increase pressure and the screw will bite and drive home quickly. **Let the screw do the work. Forcing the screw can result in mushrooming or splitting.**

When the shoulder of the CAMO Driver Bit reaches the Screw Guide, you are finished driving the screw. The depth of drive is automatically set and you cannot over drive it.

Once you have fastened the first screw on the outside edge, repeat the same drive instructions on the inside edge of the board. Continue this process down the length of the board until the entire plank is installed. Do not skip any joists.

ATTENTION:



To ensure proper performance of the CAMO Marksman Pro, it is important to regularly check the Screw Guides for deck material build-up. If material is present, use the Clearing Tool to clear the Screw Guides. If you are installing IPE or other dense deck product, you will want to perform this action more frequently.

Butt Joints: Follow deckboard manufacturers' suggested spacing and fastening installation methods. It may be necessary to block joist at the butt joint depending on the type of decking you are installing.

45° Angle Installations: Position the Marksman Pro over the edge of the high side of the joist so that the fastener remains completely in joist when fully driven. You may find marking the deckboard where it intersects the joist useful. To do this, draw a line where they intersect and position your Marksman tool so the middle of the Screw Guide rests over the line. Proceed to drive the screw in per above instructions. Repeat this process down the length of the deckboard on both edges.

To view an installation video or for more information visit www.camofasteners.com