

Mantis 345 Concealed Fastening System

1 STARTER CLIP

Line up the back (vertical leg) of the Starter Clip in position for the first deck board. Fasten this dip to the joist with the screws supplied. Slide deck board groove into Starter Clip tab.



2 DECK FASTENER

Slide the deck clip into the deck board groove and fasten to the joist using the screws supplied. Repeat this step until the last deck board is slid into the deck clip.



NOTE Once the last deck board has been trimmed to fit, either flush with the outside edge of the rim joist or with an overhang. The Finish Clip can be installed one of 2 ways.

3 FINISHING CLIP

Deck boards that are flush to the outside edge of the rim joist. Remove the deck board and install the leg (with one hole) of the Finish Clip to the underside of the board, aligning the deck board edge with the inside of the Finish Clip leg with 2 holes. (This will ensure a tight fit into the tab of the deck clip).



Deck boards that overhang the rim joist. Leave the last board in place and fasten the Finish Clip (leg with 1 hole) into the underside of the deck board, leaving the dip slightly away from the rim joist so when the leg with 2 holes is fastened to the rim joist it pulls the deck board tight into the deck clip.



4 JOINT APPLICATION

For butt joints that are continuous the length of the joist, add a second joist (as shown in photo) to allow for a second dip. If the butt joint is random, you can secure a second piece of joist (approximately 18" in length) to the joint area.

