

Instructions for the Installation of Aphano Hidden Deck Fasteners.

Please read all instructions thoroughly before beginning the installation.

If you have any questions feel free to call: 1-888-657-7783 or visit www.jeften.com/aphano

Tools required: Drill, tin-snips and marker.

For all rows except the first and last:

1. Place the deck board in the position where it is to be attached and press it tightly against the previously installed deck board. Draw a line on the bottom of the deck board along the sides of the joists. (Fig. 1) This line should be drawn on the opposite side of the previous fastener.
2. Turn the deck board upside down and place the short side of the fastener along, but not over, the line. The long side of each fastener should face in the direction of the joist with the tabs extending beyond the edges of the deck board. Attach the fastener to bottom of the deck board with two #10 hex-head self-piercing screws. (Fig. 2) (Note: If the line is drawn on the same side of the joist as a previously installed fastener the line will show the presence of the previously installed fastener. In either case, attach the fastener along the line.)
3. Turn the deck board right side up and angle it into position. One tab of each fastener should extend under the previously installed deck board. (Fig. 3)
4. Set the preferred side gap. (The side gap should be adjusted based on the temperature at the time of installation, the brand of decking used and personal preference.) Attach the exposed tab of the fastener to the joist with one cabinet screw, roofing nail or staple. (Fig. 4) **Be certain that the deck board is resting on the joist while attaching the fastener.**
5. Attach each succeeding row in the same manner.

First and Last Rows:

Because the first and last rows often involve a ledger, or fascia board, the fasteners for these rows may need to be trimmed. The fasteners are trimmed with an ordinary pair of tin-snips. Cut off about one third of each fastener leaving two holes on each side. Attach the fastener along the line with two screws. Be certain that the remaining tab extends beyond the edge of the deck board. (Remember that the deck board is upside down!) (Fig. 5)

When starting at the house and working toward the outside of the deck.

First row at the house:

Place the deck board where it is to be installed. Attach the fastener to the joist using both the tab **and** the middle hole. (You will need to reach under the decking to access the middle hole of the fastener.)

Last row at the outside of the deck:

Angle the decking into place. The tab of the fastener will go under the previously installed deck board. Drive a wood screw at an angle up through the outside of the ledger board into the bottom of the deck board. (Be careful not to penetrate the upper surface of the decking.) (Fig. 6)

When starting from the outside of the deck and working toward the house.

First row on the outside of the deck:

Place the deck board where it is to be installed. Attach the tab to the joist. Secure the outside edge by driving a wood screw at an angle up through the outside of the ledger board into the bottom of the deck board. (Be careful not to penetrate the upper surface of the decking.) (Fig. 6)

Last row next to a house:

For this particular board attach the fasteners to the decking anywhere in the joist spacing. They **do not** need to line up next to a joist. Angle the decking into place. The tab of the fastener will go under the previously installed deck board. Attach the inside edge of the deck board with screws. For a cleaner look trim-head screws are recommended.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

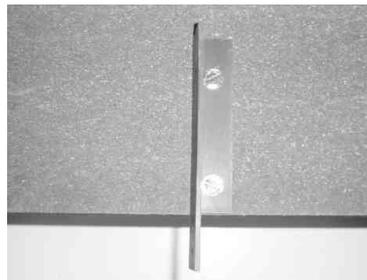


Fig. 5



Fig. 6

Notes:

*Be certain that the decking is resting on the joist when attaching the tab of the fastener. (Fig. 4)

*Any blocking that will interfere with the fasteners should be notched.

*Always use dry building materials.

*Store decking in a flat and level position prior to installation.

*Take care when setting the side gap as it will fluctuate with temperature changes. A 1/8" gap is usually the minimum for most deck brands but a 1/4" gap may actually be ideal. As the decking warms up in the sun the size of the gap will decrease. A small gap can allow leaf litter and other items to accumulate between the deck boards. This organic matter can then begin to decay causing odors and staining.

Aphano fasteners are distributed by:

Mild Fence Company
3465 Hwy 93 North
Kalispell, Montana 59901