

STEEL SHAKE PANEL INSTALLATION

GETTING STARTED

Before panel application, lay out your work to minimize cutting and waste. EMCO Steel Shake panels are installed left to right, bottom to top. Each panel course will have a vertical exposure of 8-5/8 inches.

INTERLOCKING SHINGLES

The bottom edge of the first course of panels hooks onto the starter strip. Subsequent panel courses interlock into place vertically by sliding the underturned flange of the top course panel into the upturned flange at the top of the panel below. It is imperative that the panels be fully locked together. Tapping the butt firmly with the rubber end of a hammer and using a block of wood on the side of the panel is highly recommended. Attach each panel with four galvanized or stainless steel ringshank nails or screws through the integrated tabs. (See Figure 1)

STAGGER PATTERN

The first course of the standard EMCO stagger pattern begins at the left edge of the roof with a full panel. The second course begins with a three-quarter panel, the third with a quarter panel, and the fourth with a half panel. The fifth course begins the pattern repeat with a full course. (See Figure 2)

Note: For the purpose of this illustration, the panels to the right are removed.

CUT POSITIONS

Figure 3 shows the cut positions corresponding to a quarter, half, and three quarters of a panel; make these cuts by taking 30, 20, and 10 inches off the left side of the panel, respectively. This leaves the right side with its lock to be used in starting the second, third, and fourth courses. These cut positions are each located a quarter inch to the right of each corresponding tab. (See Figure 3)

FASTENERS

Use only galvanized or stainless steel ringshank nails or screws.

Fasteners should be long enough to fully penetrate sheathing or at least go one inch into solid lumber. EMCO Steel Shake panels have four integrated tabs for attachment and interlock on all four sides.

(See Figure 4)

FIGURE 1



FIGURE 2

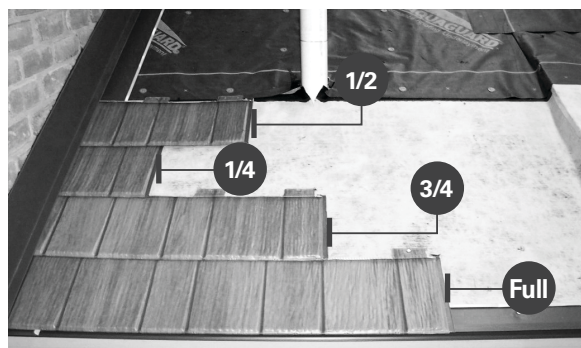


FIGURE 3

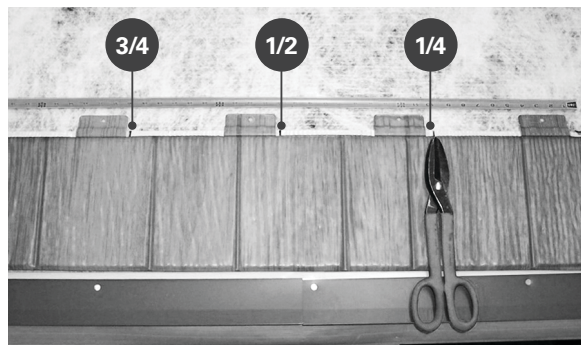


FIGURE 4

Fasten through pre-punched holes in tabs.
Four fasteners are required per panel.

