

# VERTICAL SIDING INSTALLATION

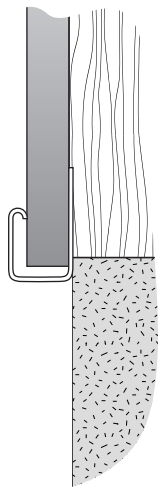


Fig. 1

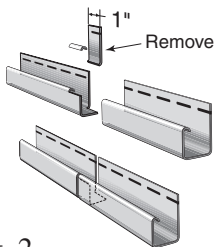


Fig. 2

When installing vertical siding, follow these steps:

## Preparation

### Step 1

Install a solid, nailable sheathing prior to applying vertical siding, if needed, to level the surface or provide sufficient material for proper fastener penetration. Use minimum 7/16" plywood, OSB or equivalent.

### Step 2

Snap a level chalkline around the base of the sidewalls. Typically, the chalkline is positioned so that the bottom of the J-Channel is 1/4" below the lowest point on the wall that will be sided. (See the "Installing Accessories" section for tips on snapping a chalkline.) Install a J-Channel along the chalkline as a receiver for the vertical siding.

## Installation

### Step 1

Install vinyl outside corner posts, inside corner posts, and door/window trim, and/or J-Channel as needed. See previous sections for corner post installation techniques.

### Step 2

Install top and bottom J-Channel: Apply J-Channel along the top and bottom of the walls to receive the siding panels (Fig. 1).

**A** Install the bottom J-Channel. Overlap J-Channels 3/4". To do this, cut out a 1" section of the nailing flange and face return (see Fig. 2).

**B** Install inverted J-Channel along the top of the wall, under the eave. Overlap J-Channels 3/4" to allow for expansion.

*NOTE: If you're going to install soffit, you may want to install the receiving channels for the soffit prior to this point.*

If a wall requires more than one course of siding, you can proceed in one of two ways (see illustrations below).

## Step 1

Use two lengths of J-Channel, back-to-back and flashing, at the joint between the two courses (Fig. 1). Or use a double channel lineal (H mold) and flashing (Fig. 2).

## Step 2

Panel installation should begin at the end of a wall section at a corner post or J-Channel. An undersill trim piece should be installed and fastened inside the opening of the corner post or J-Channel to secure the edge of the first and last course of siding. Cut off the locking edge of the first course, snaplock punch the cut edge every 6" to 10", and snap the edge into the secured undersill trim. Cut and install last course in similar fashion. (Fig. 3)

## Step 3

*TIP: A furring strip may be needed behind the undersill trim before fastening to shim it out and maintain the lines of the vertical panel.*

Maintain a 1/4" gap at each end of panels where they butt to trim pieces such as J-Channel. Failure to maintain this gap may result in permanent panel warpage. Maintain a 3/8" gap if installing at temperatures 40° F or below.

## Basic Installation

### Step 4

Fasten panels at least every 12" through the middle of the nailing slots. Maintain 1/16" minimum clearance between the fastener crown and nail hem of panel.

**Special note for vertical panel installation:** Vertical panels should be cut to allow clearance as specified. Panels should be positioned on wall allowing equal clearance top and bottom. One fastener should be placed at the top of a nail slot within the upper 12" of the panel when installed. The panel will hang on this fastener and will expand in both directions rather than only upward. Balance of fastening should take place in the center of the nailing slots (Fig. 1).

### Step 5

Undersill trim should be installed inside J-Channel, or built-in window receiver on the sides of windows and/or doors to secure cut edge of vertical panels. Vertical panels should be snap-locked before insertion into the undersill trim (Fig. 2). A furring strip may be needed behind the undersill trim to maintain the lines of the vertical panel.

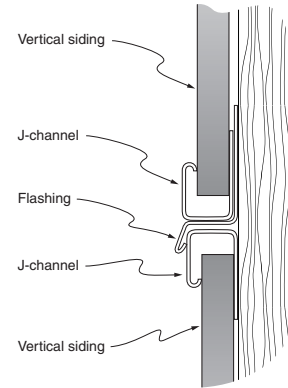


Fig.1

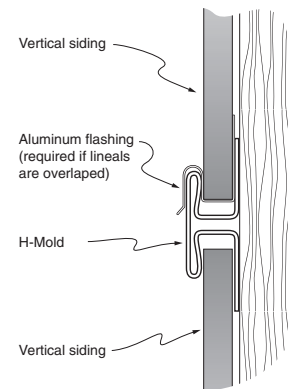


Fig. 2

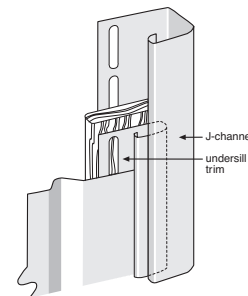


Fig.3

## Basic Installation

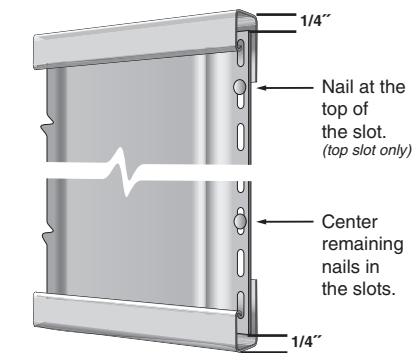


Fig.1

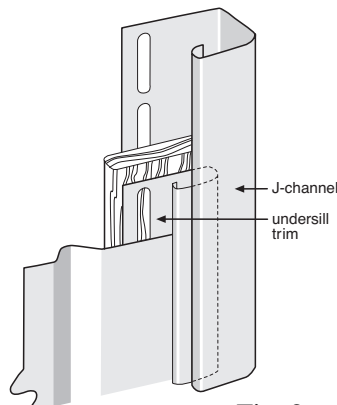


Fig. 2