



By: G.P. Williams INC

Drain-Plane Installation Instructions

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General Installation

1. Install Drain-Plane furring strips vertically at the stud locations over sheathing and weather barrier wherever cladding is to be installed. Drain-Plane should lay flat against the wall and be installed with standard siding nails.
2. Leave approximately a 1/4" space between each strip as you install them vertically along the stud.
3. Install siding or cladding system over wall surface per manufacture's installation instructions.
4. Allow for thickness of Drain-Plane (1/4") in nail selection.
5. * **Do not over nail** when tacking on furring strips (approximately 6 – 8 nails recommended).

INSTALLATION OVERVIEW

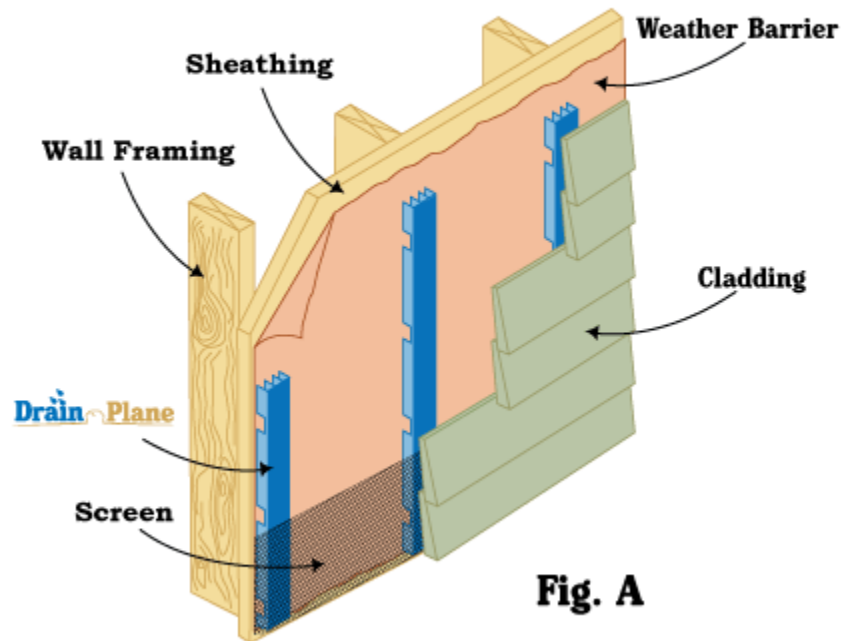
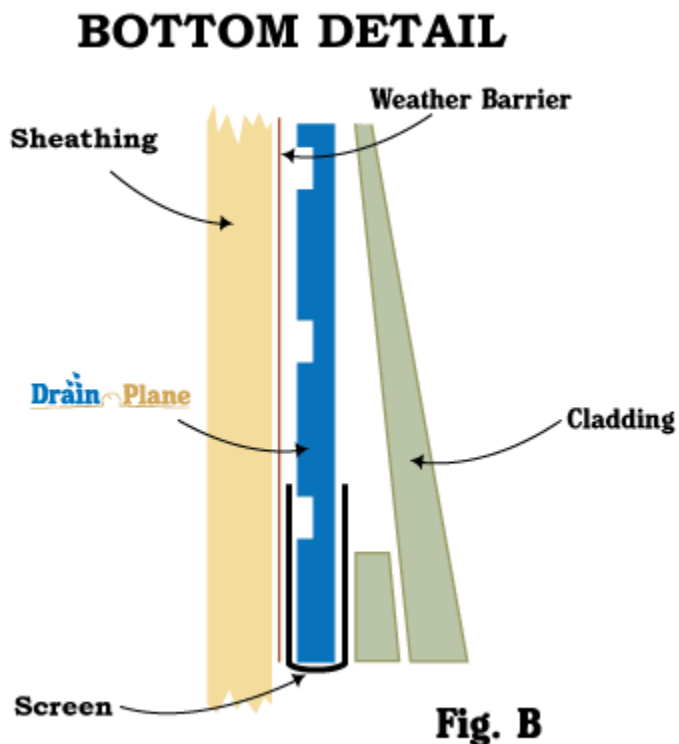


Fig. A

Bottom Detail

To prevent insect infiltration in the drainage plane between the siding and the water protective barrier, a screen material (not provided) can be installed around the Drain-Plane product.

1. Fasten a 6" wide screen material (1/8" recommended hole size) along the wall approximately 3" above the bottom of the wall.
2. Install first run of Drain-Plane along bottom of the wall.
3. Fold up the screen material over the Drain-Plane strips and fasten with a large-head nail to hold in place prior to applying your siding.



Top Detail

Installation at the top of the wall can include the use of a screen material (not provided) to prevent insect infiltration. It also requires proper spacing techniques creating airflow for drying, ventilation, and pressure equalization.

New Construction or Soffit Removal

With new construction or the removal and replacement of the soffit on a remodel application, installing the Drain-Plane product past the soffit is recommended.

1. Run Drain-Plane past the soffit overhang at least 4" to 6" to accommodate the soffit fastener.
2. Install the soffit fastener to the Drain-Plane product.
3. Finish installation of siding or cladding and install soffit.

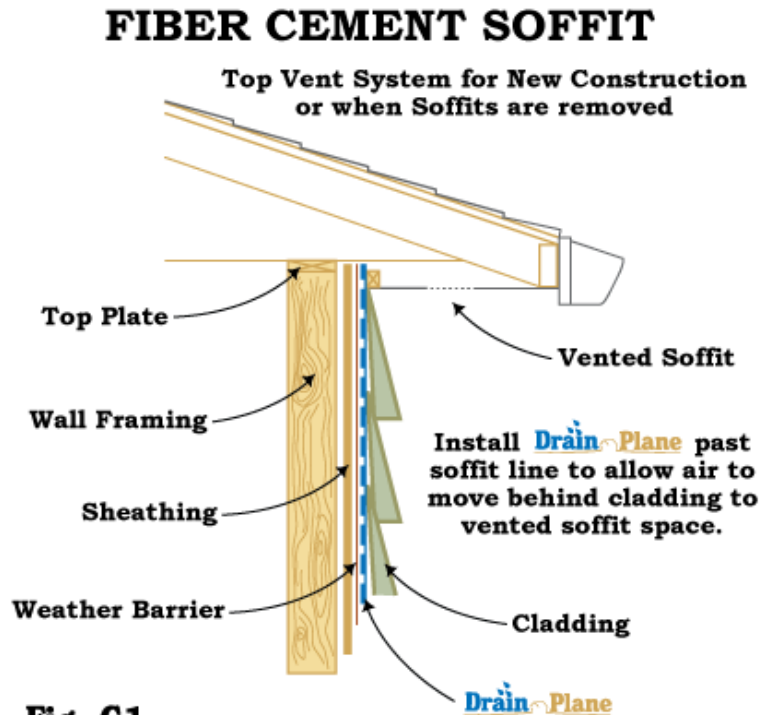


Fig. C1

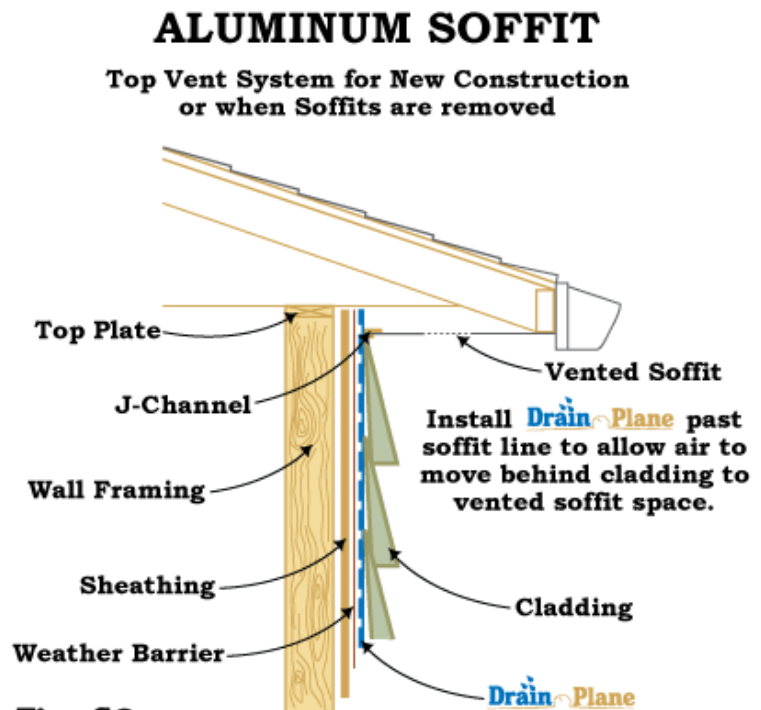


Fig. C2

Remodel or Existing Soffit Installation

There are two different visually appealing options for installing Drain-Plane in applications where the soffit is already installed whether the soffit type is fiber cement or aluminum.

1. Fasten a 6" wide screen material (1/8" maximum hole size) along the wall approximately 4" below the soffit overhang.
2. Run Drain-Plane to within 1/8" to 1/4" of the soffit. The gap allows for the necessary airflow.
3. Fold down the screen material over the Drain-Plane strips and fasten with a large-head nail to hold in place prior to applying your siding.
4. Finish installation of siding or cladding to within 1/2" to 1/4" of soffit overhang.

(Optional Finish Trim See Figure D2.)

5. Modify Step 2 above by running Drain-Plane to within 3/4" to 3/2" of the soffit.
6. Modify Step 4 above by finishing installation of siding or cladding to within 3/2" to 3/4" of soffit overhang.
7. Install a 1"x3" board on the finish wall above the siding and Drain-Plane leaving the 1" gap for airflow.
8. Install a 1"x4" finish trim board or 4" piece of siding over the 1"x3" board. This will maintain the airflow gap yet provide an alternative visual appearance.

FIBER CEMENT OR ALUMINUM SOFFIT

Recommended installation for top venting - remodel, soffits not being removed

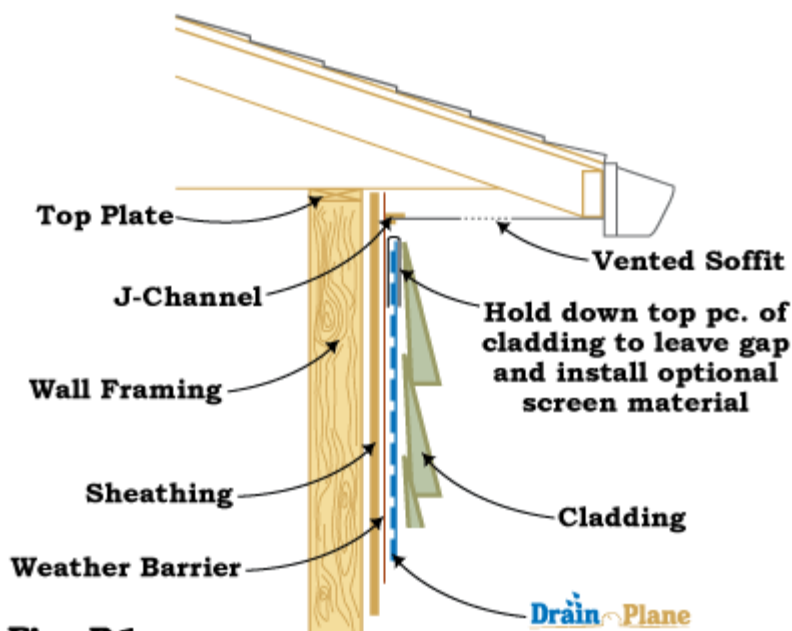


Fig. D1

FIBER CEMENT OR ALUMINUM SOFFIT WITH OPTIONAL FINISH TRIM

Recommended installation for top venting - remodel, soffits not being removed

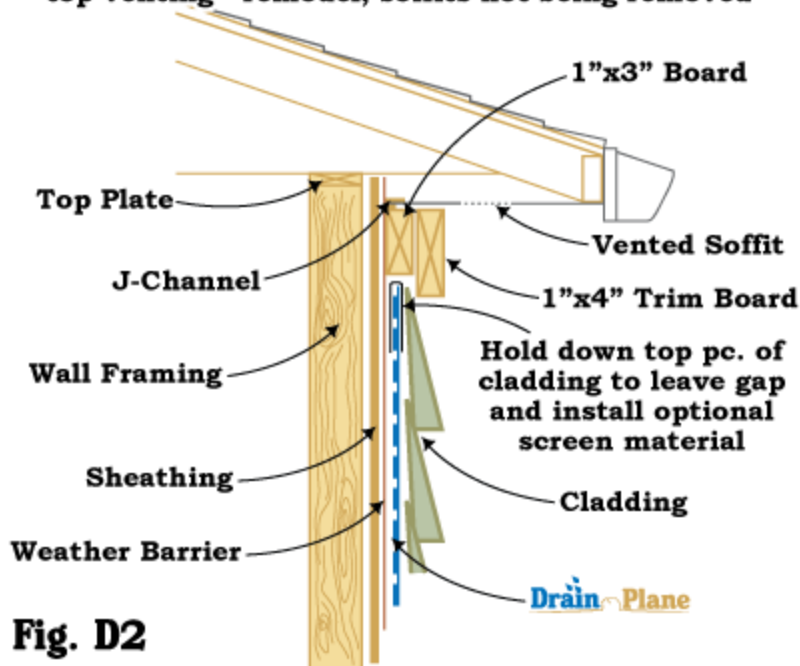
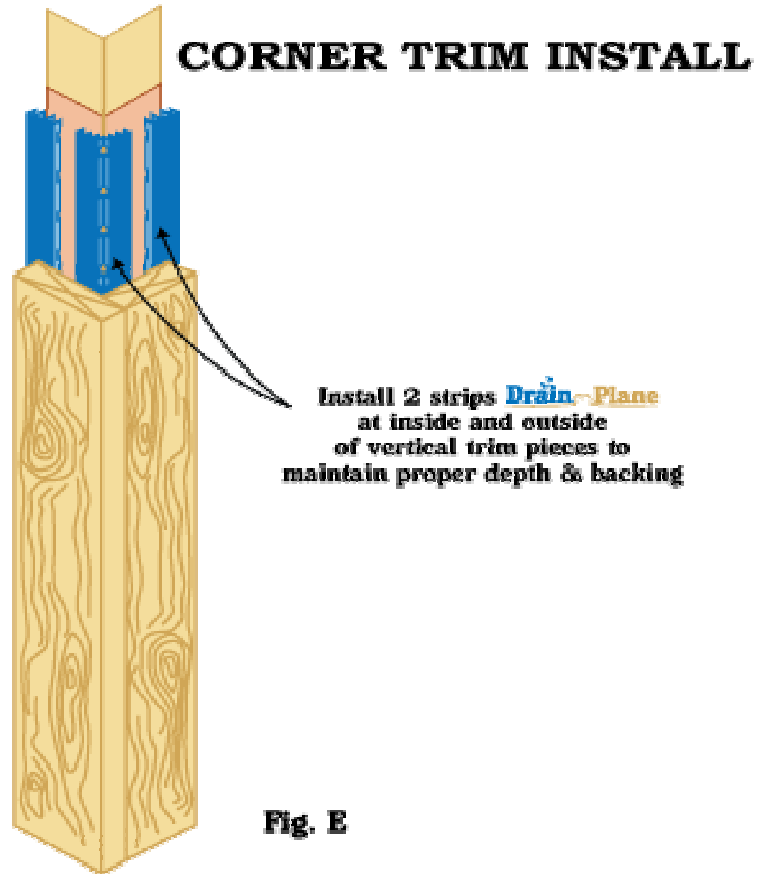


Fig. D2

Corner Detail

1. Identify location and width of trim boards for outside and inside corners. Any trim board greater than 2" in width should be backed by 2 or more Drain-Plane runs.
2. Install 2 strips Drain-Plane at inside and outside corners behind trim pieces to maintain proper depth and backing and to provide the appropriate stability.



Window and Other Trim Detail

1. Identify location and width of trim boards for outside and inside corners. Any trim board greater than 2" in width should be backed by 2 or more Drain-Plane runs.
2. Install strips of Drain-Plane at edges behind trim pieces to maintain proper depth and backing and to provide the appropriate stability.

WINDOW INSTALL TRIM

