

Polar Wall Plus!

INSULATED SIDING SYSTEM

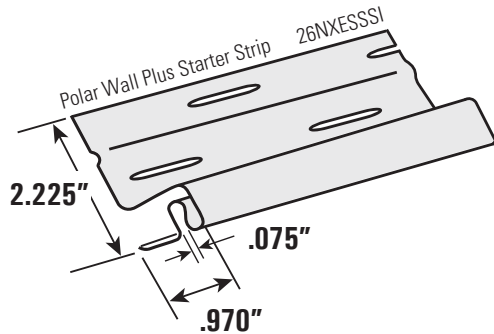
These instructions describe and illustrate the steps involved in installing Norandex siding and trim. Their purpose is to provide detailed information and how-to tips that will simplify the installation process. Norandex shall not accept any liability or responsibility under its written warranty for failure caused by application that does not meet our minimum requirements for proper installation. These requirements are outlined throughout the *Norandex Installation Guide*. Any deviations from these requirements should be approved in writing by Norandex.

Polar Wall Plus!™ insulated siding will help even out wall surfaces. However, to minimize extremes in the peaks and valleys of uneven walls, you may have to repair the underlayment. Make sure the substrate is smooth and flat. If the surface is significantly uneven, apply 1/4" foam sheathing before installing Polar Wall Plus! siding.

Starter strips

Insulated siding is thicker than hollow vinyl siding. To accommodate the 1-1/4" thickness, we recommend that you use the Polar Wall Plus! starter strip.

When you can't use the Polar Wall Plus! starter strip, secure the siding panel with a combination of utility trim and J-channel. To do this, you will have to remove some of the foam backing and shim accessories to accommodate the thickness of the Polar Wall Plus! panel.



Fastening

Use 2" (minimum) corrosion-resistant nails to penetrate the wood substrate at least 1-1/4". Drive the nails until there is 1/16" between the nail head and the nail flange.

Center the nail in the nail slot and drive the nail straight in. Do not drive nails at an angle. Space nails 16" o.c.

Installation Instructions Polar Wall Plus! Insulated Siding

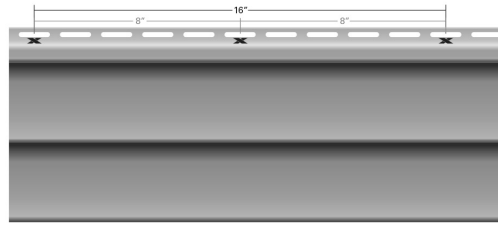


FIGURE A

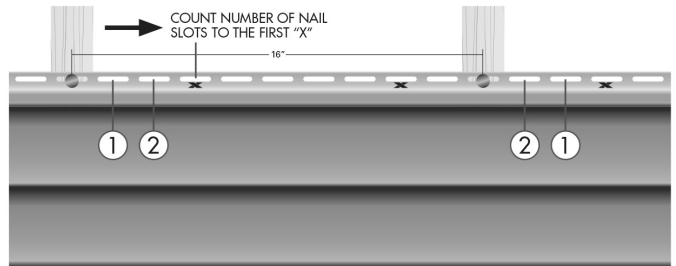


FIGURE B

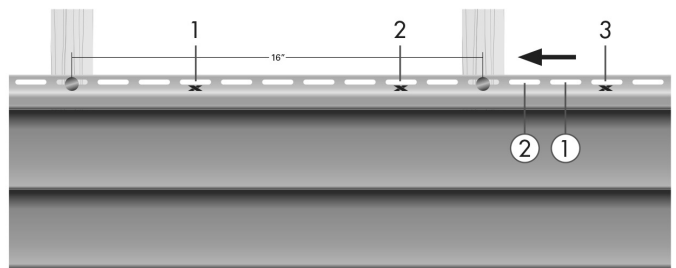


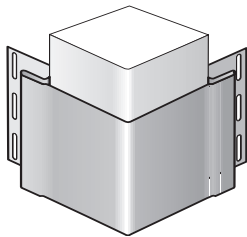
FIGURE C

NailRIGHT Installation

- 1) Nail slots are positioned 16" on center to allow for alignment with studs, with the "X" centered every 8" directly under the nail slot (figure a).
- 2) Locate the first stud and fasten nail in the center of the slot (figure b).
- 3) Count the number of slot(s) between the fastener and the first "X" to the right of the panel (figure b).
- 4) To locate the next fastening position (figure c):
Go to the third "X" to the right of the fastener, then count back the number of nail slot(s) noted in step 3. This is the location of the next stud. Repeat for the entire length of the panel.
- 5) Repeat step 4 for the entire length of the panel.
- 6) Overlap the next panel half the length of the notch at the end of the panel, or approximately one inch. Measure 16" from the last nail on previous panel to locate the next stud. Repeat steps 3 and 4 for the entire length of the panel.

Fitting into trim pieces

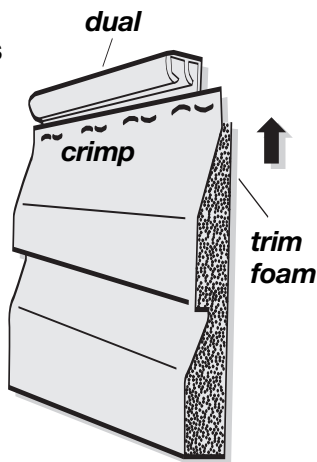
Around windows, doors, and other openings, use Polar Wall Plus! accessories. Insert the factory- or field-cut end of the siding panel into the accessories.



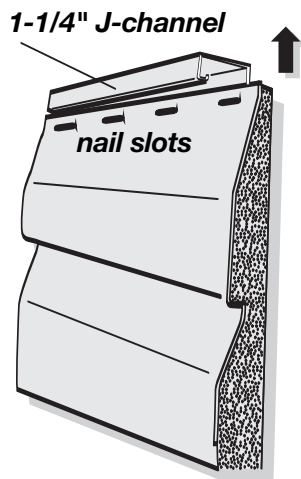
When the outside temperature is higher than 40° F, allow a 1/4" gap between the siding and the trim. When the temperature is less than 40° F, leave a 3/8" gap.

Around windows and doors

Because insulated siding is thicker than hollow vinyl siding, windows, doors, and other openings may have to be built out to avoid looking recessed. Use wood shims and either aluminum trim coil or vinyl lineals to build out openings. In some cases, the foam backing in Polar Wall Plus! siding will create enough stiffness to span over or under a window without additional support.



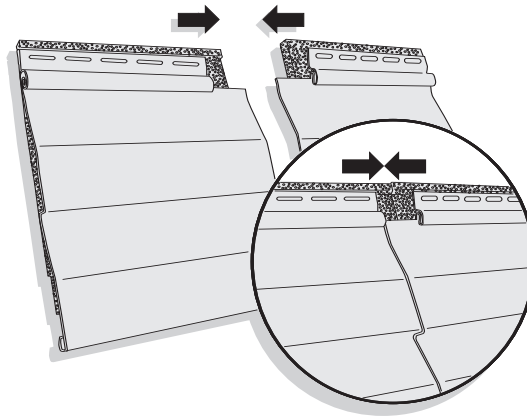
If you are using utility trim or dual undersill trim to secure the panel, shim the trim to accommodate the thickness of the siding panel. Remove the top 1" of the foam backing so the top of the panel fits into shimmed trim. Use a snap lock punch to raise tabs every 6" to lock the panels into the trim.



When you cut a siding panel to fit around an opening, use a nail slot punch to create additional nail slots. Fasten through these additional nail slots to secure the panel. Make sure the face of the J-channel or other trim will cover the nail slots.

Under soffit

Secure the last course of siding under the soffit with utility trim, dual undersill trim, or cornice receiver with cornice molding. You will have to create tabs and nail slots as described above. You will also have to shim the trim and remove the top 1" of the foam so the top of the panel fits into the trim.



Overlapping panels

On factory-cut panels, the foam is set back from both ends of the panel. The adhesive begins 2" back from the end of the foam. To correctly overlap the panels, slip the vinyl edge of the bottom portion of the seam between the foam and the vinyl panel. Slide the panels together until the foam ends touch when installing above 40° F. Leave a 1/4" space between foam ends when under 40° F.

If you have any questions about installing this product, please call us at 1-800-528-0942.