

ESI**Products**

INSTALLATION INSTRUCTIONS

For

Solid Vinyl Skirting

Installation Details

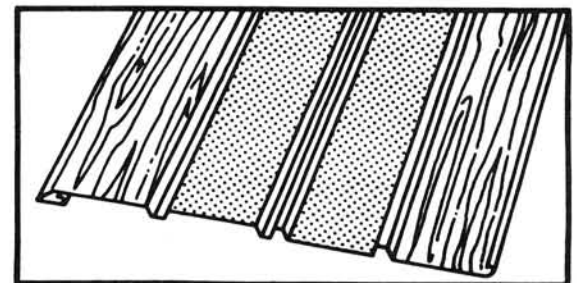
Careful attention to a few basic details will insure that your Solid Vinyl Skirting will provide a beautiful, easily installed, completely accessible exterior with a minimum of maintenance. Solid Vinyl Skirting is easily installed over any terrain, requires few special tools and never needs painting. Following these basic installation techniques will assure that your Solid Vinyl Skirting will contribute to the beauty of your home's exterior.

Tools You Will Need (not included)

1. Hammers
2. Screwdriver
3. Snips
4. Plumb Bob or Level
5. Tape Measure
6. Power Saw with Fine Tooth Blade
7. SL-8P Modified Super Punch Tool (for panel tabs)
8. Chalk Line
9. Utility Knife



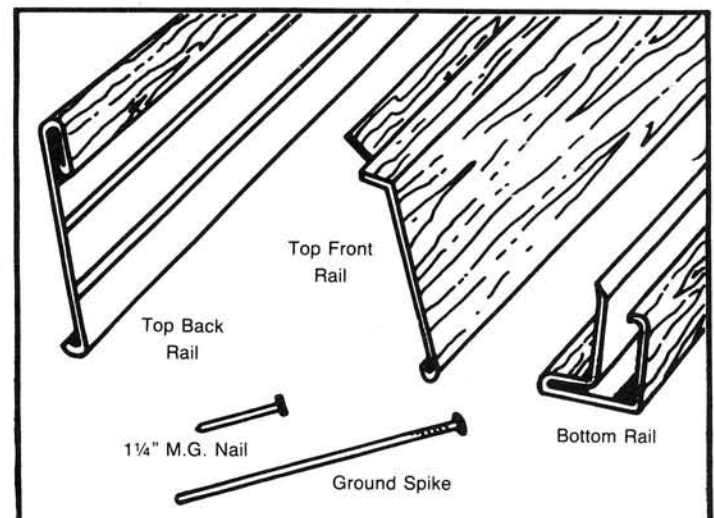
SKIRTING PANEL SOLID



SKIRTING PANEL VENTED

IMPORTANT !!!

1. Use either a power saw with a fine tooth blade mounted with reverse rotation, a large paper cutter, or aviation snips to cut skirting components.
2. To allow for normal expansion and contraction, fasten Top Back Rail in the center of the nailing slots. Fasten positively to the surface of the unit at every other slotted hole, leaving $\frac{1}{2}$ " between lengths. Do not butt the ends. Allow $\frac{1}{2}$ "-1" between pieces of Top Front Rail. Allow $\frac{1}{2}$ " between pieces of the Bottom Rail when installing.
3. Do not drive nails too tightly. The $\frac{1}{4}$ " M.G. nails provided offer excellent holding power, but if driven too tightly, the vinyl can, under normal expansion and contraction, become distorted. These special nails should be driven in the middle of the nailing slot just short of touching the Top Back Rail.



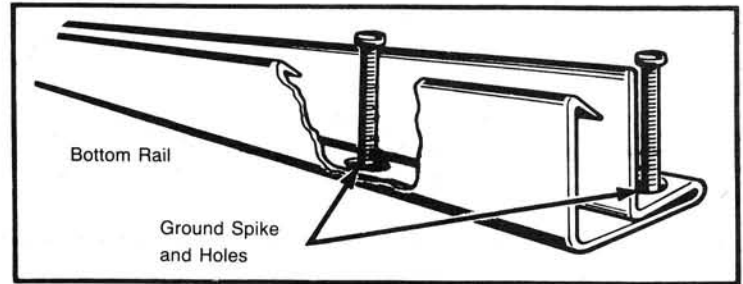
STEP 1

LAYING THE BOTTOM RAIL

NOTE: To prevent grass from growing around the base of the skirting and provide a non-shifting base for the ground spikes, 9" asphalt roof starter should be installed around the home. The roof starter also reduces the possibility of the vinyl skirting panels from being damaged from the use of a powered string trimmer (weed eater).

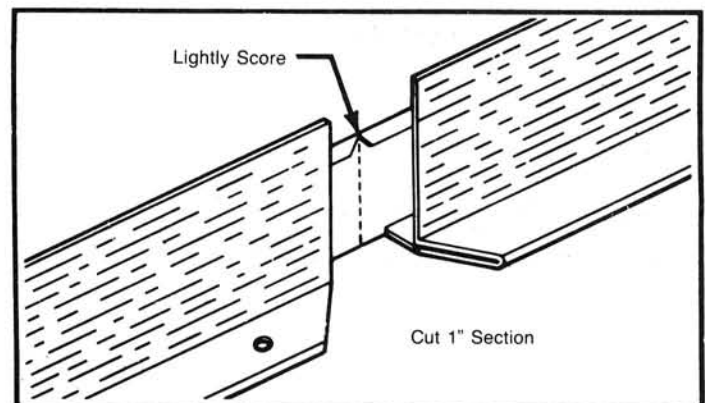
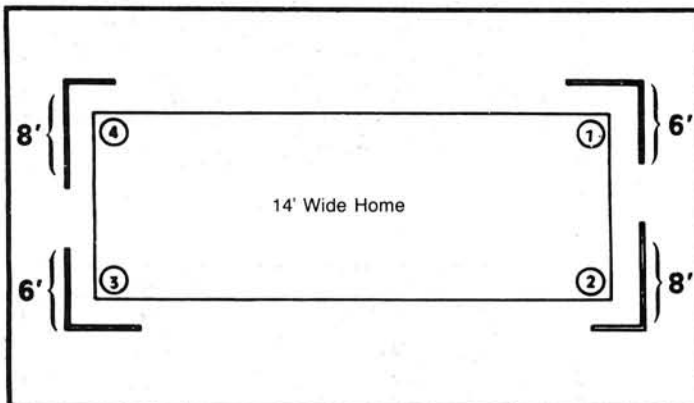
Using a Plumb Bob, mark a point on the ground or slab at each corner of the mobile home. Then snap a chalk line between these points to determine position of Bottom Rail.

Position Bottom Rail with the back leg on the chalk line. Secure to the ground with 7" ground spikes, at each end of the Bottom Rail and in between as needed. Holes for the ground spikes are in both the back leg and the center. Use either or both sets of holes. Drive spikes approximately every 24 inches. SEE ILLUSTRATION ABOVE. In soft or sandy soil drive a surveying stake into the ground, then secure Bottom Rail to ground with 7" ground spike driven into stake. When securing to concrete, use masonry nails or concrete adhesive.



CORNERS — 4 prenotched Bottom Rails are included in each rail kit. Two Bottom Rails are punched at 6 feet and two at 8 feet. Use one 6' and one 8' Bottom Rail on each end of the home. On a 14' wide home, the 6' and 8' Bottom Rails should meet with little cutting.

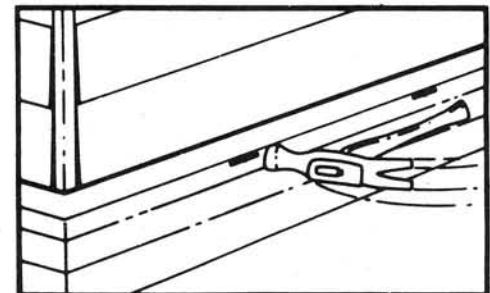
Additional corners can be formed with the Bottom Rail by cutting out a 1" section in the Rear Vertical Panel and cutting a 1" section out of the back leg. Lightly score the back of the Front Vertical Panel with a nail or pocket knife. The Bottom Rail is then bent at the desired angle.



STEP 2

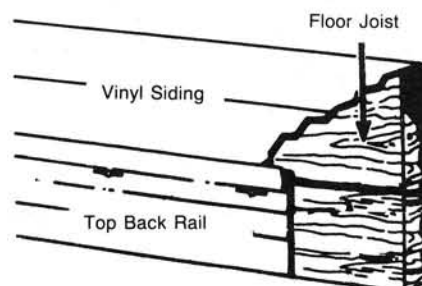
INSTALLING THE TOP BACK RAIL

Beginning 1/2" from the corner of the mobile home, position Top Back Rail with the bottom edge flush with the bottom of the mobile home. Secure to mobile home with M.G. nails making sure to nail in the center of the nail slot. Drive nails snug but not tight. (After nailing, Top Back Rail should be able to move from side to side when force is applied to it.) Continue around mobile home, always leaving 1/2" at the corner and 1/2" between any two pieces.



Special Attention

Due to different expansion / contraction rates of skirting and vinyl siding when installing Solid Vinyl Skirting to a home with vinyl siding, the Top Back Rail should be nailed to a furring strip which is nailed to the bottom of the floor joist. **DO NOT ATTACH TOP BACK RAIL TO THE SIDING.**



Optional Method: Drill 1" diameter hole in the siding. Install screw nail of Top Back Rail in the middle of 1" hole. This allows for expansion in both siding and skirting.

STEP 3

CUTTING THE PANELS

A

First, determine the distance between the bottom of the Top Back Rail and the ground. Cut Panels 1" longer in warm weather and 2" longer in cold weather. Make several measurements to determine the degree of variance. Should you find the ground slopes, you should take a measurement every 16" (net exposure of Panel) and cut the bottom of Each Panel on the same angle as the ground. **It is imperative that the top of each Panel piece be cut square and leveled both vertically and horizontally.**

Panels can be cut with tin snips, large paper cutters, or a power handsaw with a fine toothed blade mounted in the reverse position. See Figure 1.

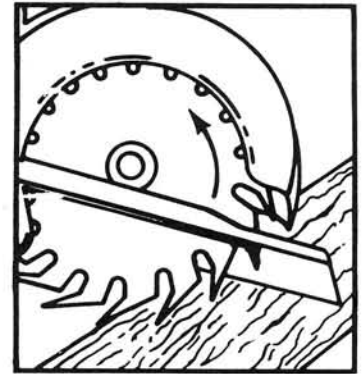


Figure 1

B

Starting at the lowest corner, cut the panel to fit the corner after determining the length as described in Step A. Form the corner by lightly scoring the back side of the Panel with a nail or pocket knife. Be careful not to cut too deeply. After scoring the Panel, bend over a sharp edge to the desired angle. In cold weather, warm Panel to room temperature before forming corner. See Figure 2.

To remove scratches on brown, heat with heat gun and rub heated area.

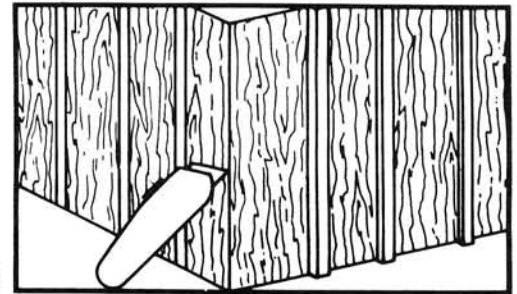


Figure 2

C

Using only a Super Punch SL-8P Modified, dimple each section of Panel with the raised dimple to outside (away from) of mobile home. Be sure dimple is next to supporting rib — not centered between ribs. Repeat dimpling operation on top edge of Panel. When inserted into top and bottom rails, these dimples will lock the Panel in place. See Figure 3.

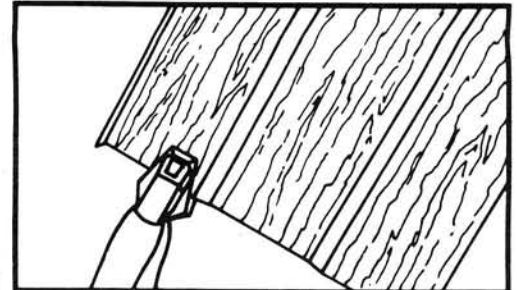


Figure 3

D

Insert dimpled Panel into Bottom Rail. Let it rest against Top Back Rail. Work your way around the mobile home from the first corner Panel installed. Cut each Panel to fit, as detailed in Step A. Connect each new Panel with the preceding one by sliding from the top. Continue to slide the Panel down until completely inserted in the Bottom Rail. See Figure 4. **DO NOT FORGET** to punch each new Panel as outlined in Step C. Continue to add panel pieces in this manner until next corner is reached. Then it will be necessary to form another corner Panel as detailed in Step B. Continue around the mobile home until you come to the last Panel. It may be necessary to cut the last Panel to fit. When cutting, be sure to overlap the adjoining Panel. Secure last Panel to overlap Panel with a series of #44 (1/8) rivets.

When installing in windy areas or when Panels are 36" or more high, use the optional 24" windguard steel rod, or install a 3/16 pre-cut steel rod from the Bottom Rail to the top of the Panel. See Figure 5. (Contact your dealer for more details.)

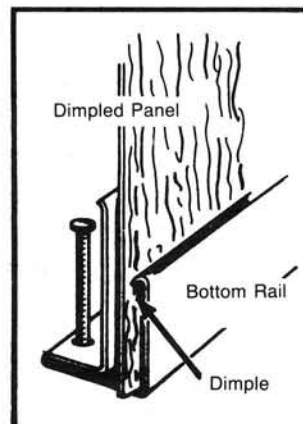


Figure 4

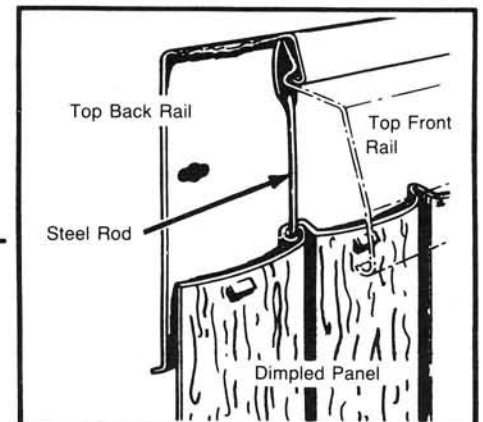
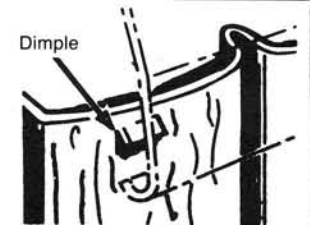


Figure 5

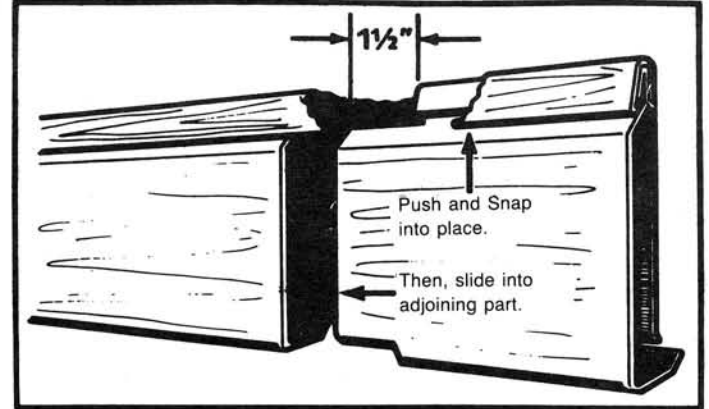


STEP 4 INSTALLING THE TOP FRONT RAIL

The Top Front Rail installs easily by snapping the top edge of its spring lock into the Top Back Rail. Be sure to push the Top Front Rail all the way into the Top Back Rail until it "snaps" into place.

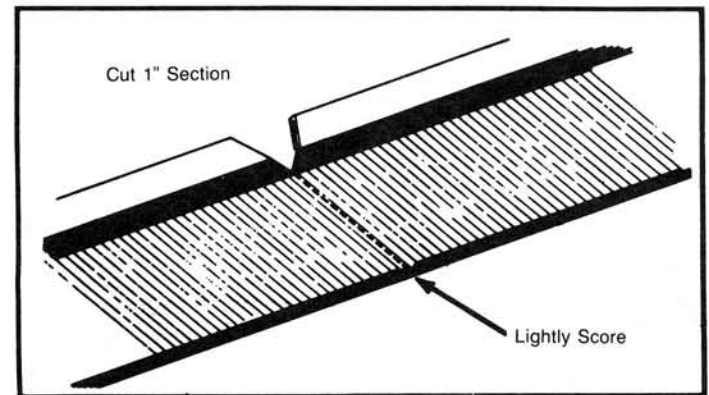
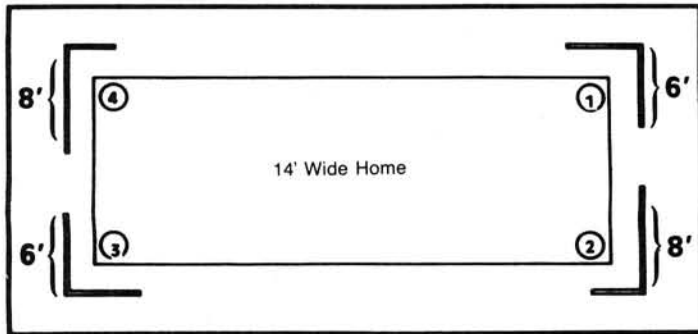
Remaining Top Front Rail — Snap Top Front Rail into Top Back Rail. Each Top Front Rail is end notched $1\frac{1}{2}$ " on one end. This end notch overlaps 1" where the ends of Top Front Rails meet.

Due to expansion, do not butt ends together.



CORNERS — 4 prenotched Top Front Rails are included in each rail kit. Two Top Front Rails are punched at 6 feet and two at 8 feet. Use one 6' and one 8' Top Front Rail on each end of the home. On a 14' wide home, the 6' and 8' Top Front Rails should meet with little cutting.

Additional corners can be formed by cutting a 1" notch out of the top lip and cutting a "V" on the beveled edge.

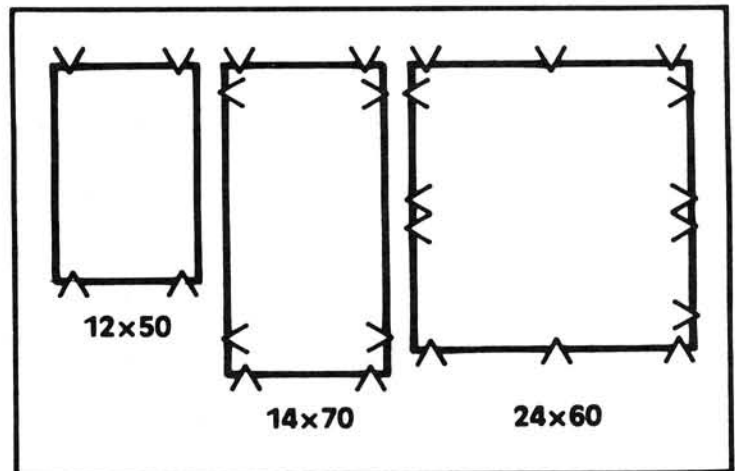


Ventilation

Where ventilation codes apply there should be a minimum of four (4) ventilated openings from under floor space to the exterior. One at or near each corner.

Ventilation codes vary by community and manufacturer. Contact your dealer to determine amount of vented panels needed to meet your code.

SUGGESTED PLACEMENT OF VENTILATED OPENINGS



Easy Access

Access can be gained at virtually any point by simply lifting the Top Front Rail and sliding out the desired number of panels. Accessibility to the area under the unit is available wherever desired.

For More Information, Call: ESI Products
303-530-1566 • 1-800-843-3336
6676 GunPark Drive, Suite F • Boulder, CO 80301
FAX 303-530-3820