



Installation Guidelines Friendlywall

Fini U.V. International guarantees the conformity of its products when they are installed according to Friendlywall installation guidelines and are maintained in an environment where ambient humidity ranges between 37% and 45%. Failure to comply with installation and maintenance instructions and with recognized trade techniques could void the application of these warranties.

Tools:

- Electric drill
- 100% polyurethane construction glue (3 tubes per 100 ft² or 9,5 m²)
- Construction glue applicator
- Finishing saw or electric mitre saw
- Jigsaw
- Sawbench
- Laser level or six-foot level
- Measuring tape
- Hammer
- Small rubber mallet
- X-Acto type knife
- Finish hammer or pneumatic finish hammer (#18 and #23 nails)
- Stepladder

Step 1

Check for differences in the level of the floor and determine the level line prior to installation

IMPORTANT : never use the floor as the level line to install your wall. Always check the floor level before installing a Friendlywall. This step is important when using Friendlywall floor base moulding designed specifically for the Friendlywall.

figure 1

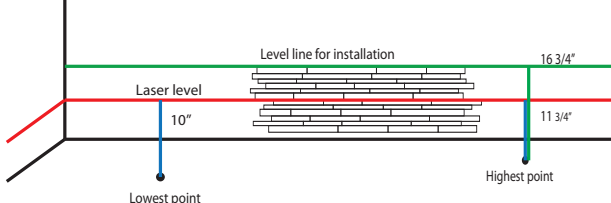
Example to establish the level line prior to installation

Measuring height difference

Lowest point: 11 3/4"
Highest point: 10"
Difference: 1 3/4"

Level line

Highest point + difference + 15" = 16 3/4"



Use a laser level and measuring tape to measure height differences in your floor to determine the high and the low point of the floor.

Calculate the difference between the high and the low point of your floor.

Add fifteen 15" or 38 cm to the result obtained.

Starting at the high point of your floor, plot a point to establish the level line to install your wall.

Formula

Highest point + difference in height (maximum 2 3/4" or 70 mm) + 15" or 380 mm = determines the height of your point.

From this point, draw a level line using a laser level or a six-foot level. This line will become the level line to install your Friendlywall.

NOTE : Finium offers floor base moulding specially designed to compensate for differences of up to 2 3/4" or 70 mm in the level of a floor. Do not hesitate to order Friendlywall floor base moulding designed specifically for Friendlywall.

Step 2

Determine the vertical adjustment area

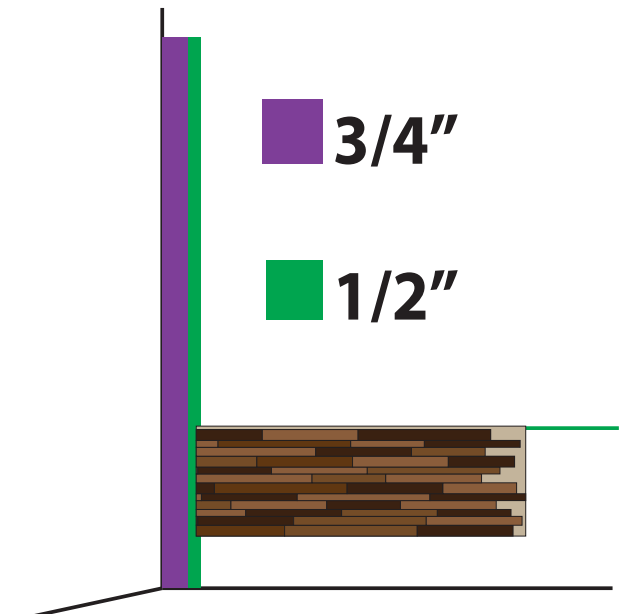
Friendlywall contour moulding is specially designed to compensate for differences in wall parallelism. Friendlywall moulding allows vertical adjustments of up to 1/2" or 12,5 mm.

Begin at the perpendicular wall to the left. Trace a line from ceiling to floor a distance of 3/4" or 86 mm from the edge of the wall to install Friendlywall contour moulding (Refer to Step 7).

Trace a level line vertically (ceiling to floor) 1/2" or 12,5 mm from the most distant point of the 3/4-inch line. The area between these two

figure 2

Determine the vertical adjustment area



lines corresponds to the adjustment area that may be required if the wall is not perfectly straight vertically. Repeat the same operation on the perpendicular wall to the right.

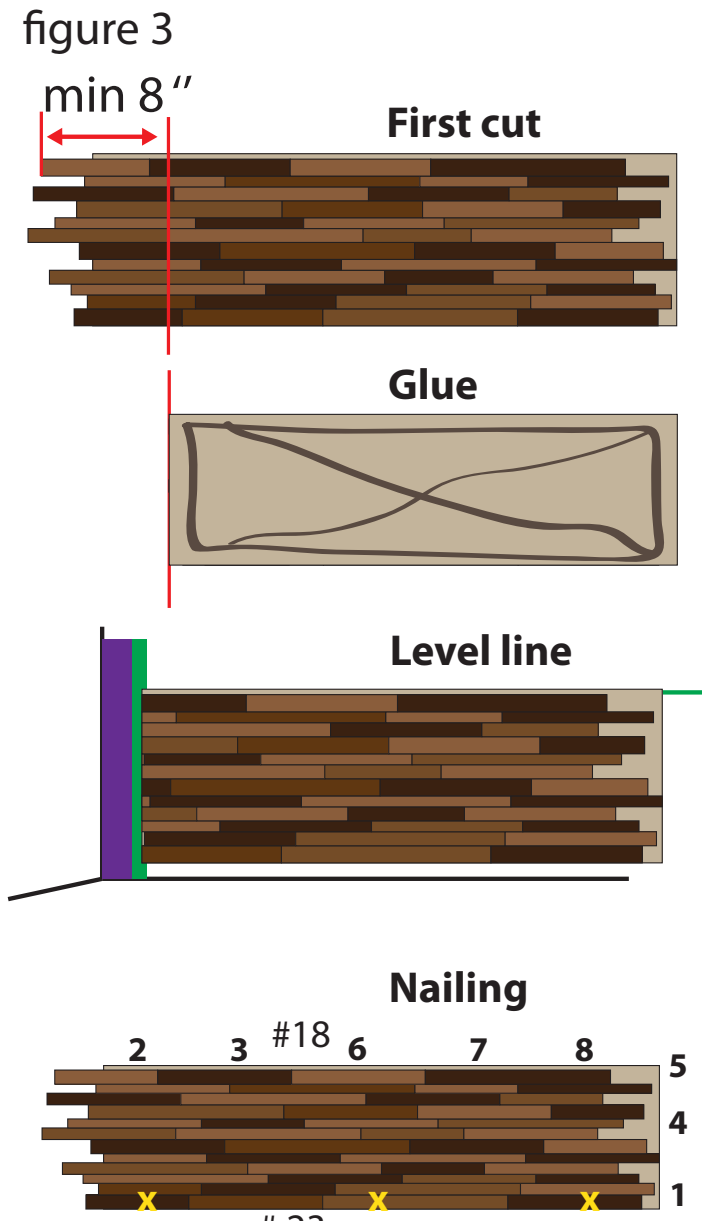
Step 3 Install the first Friendlywall panel

IMPORTANT : The first panel is always installed at the lower left of the wall. Panels are installed left to right and bottom to top.

Starting at the top row on the left side of the Friendlywall panel, draw a line 17" or 43 cm from the edge and cut the panel with a sawbench. Set aside the cut section of the panel for use later on.

To the right on the back of the Friendly wall panel, apply a line (maximum 1/8" or 3 mm) of 100% polyurethane glue in the form of a rectangle (1 inch or 25 mm from edges) and an X inside the rectangle.

Position the first panel at the lower left section of the wall. Align the first panel vertically in the adjustment area and the top section of the panel on the horizontal line calculated earlier.



Use a pneumatic finish hammer (#18 nail) to nail the panel in place. We recommend positioning a nail at the lower right corner of the panel edge and then nailing in nails along the top edge of the panel.

TIP : to optimize nail retention strength, position nails in the top edge of the panel at an angle of 45°.

Step 4 Install next panels



Repeat the gluing procedure.
Insert panel B into panel A.
Repeat the nailing procedure.

Step 5

End a row

Before installing the last panel in a row, measure from the top row of the panel already installed to the adjustment area where installation is to be completed. **Do not forget to consider the vertical adjustment area as shown in Figure 2.**

For the last panel to be installed in a row, transpose this measurement taken from the end of the top row and cut using a sawbench. **IMPORTANT: ALWAYS MEASURE USING THE SAME ROW OF THE PANEL.**

The straight section of the remaining section of panel will serve as the first panel in the next row.

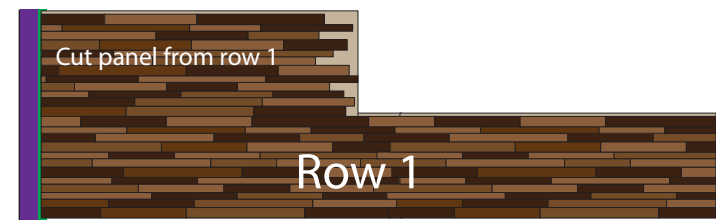
Step 6

Start a new row (Left to right)

Use the panel cut in Step 5 to begin the new row.

Repeat the gluing procedure.
Position the panel in the vertical adjustment area.

Starting de 2nd row with the cut panel from the row 1



Repeat the nailing procedure.

Step 7

Install Friendlywall contour moulding and Friendlywall floor base moulding

NOTE: THERE ARE THREE TYPES OF FRIENDLYWALL MOULDING:

Contour moulding: 1 ¼" wide X 90" long (31,75 mm X 228,6 cm)

Floor base moulding: 4" wide X 90" long (101,6 mm X 228,6 cm)

Door and window moulding: 2 ¼" wide X 90" long (57,15 mm X 228,6 cm)

Friendlywall contour moulding is designed to compensate for vertical imperfections in walls. Friendlywall contour moulding features an adjustment area up to ½" or 12,5 mm and floor moulding up to 2 ¾" or 69 mm.

Insert the moulding in the space reserved for it during the installation of your Friendlywall panels. Use a pneumatic finish nailer (#23 nails) to install the first nail in the Friendlywall moulding a minimum of 6" or 150 mm from the end (top or bottom). Nail in subsequent nails a minimum of 24" or 60 cm from each other.

Repeat the same process to install Friendlywall floor moulding at ground level.

Electrical outlet contours

Finium offers electrical outlet contours in several sizes to install in Friendlywall. Sizes include:

2 ¾" X 4 ½" (69,85 mm X 114,3 mm)

4 ½" X 4 ½" (114,3 mm X 114,3 mm)

6 3/8" X 4 ½" (161,9 mm X 114,3 mm)

8 1/8" X 4 ½" (206,3 mm X 114,3 mm)

If these sizes are not suitable, a skilled handyman can make his own using Friendlywall contour moulding.

Friendlywall repair kit (sold separately)

A repair kit is available for minor breakage occurring during installation. The Friendlywall repair kit includes a stain crayon matching the colour of your Friendlywall.

RECOMMENDATION

We recommend using lines of glue to improve the adhesion of moulding. Use only 100% polyurethane glue.

NOTE : if moulding detaches from a wall, reposition using 100% polyurethane glue.

Warning

This product is flammable and its use near an important heating source (such as a gas fireplace, solid burning appliances, slow burning stove) is not recommended. Please check the latest construction regulations or the nearest fire department in your locality. In most cases, the use of decorative wood walls is forbidden near these heating sources. If no available information, please consult the Canadian CSA-B365 Installation code for solid fuel-burning appliances or the norm for gas installation CAN/CGA-B149 in Canada and its equivalent for USA by the National Fuel Gas Code, ANSI Z223.1

Friendlywall repair kit (sold separately)

For questions and comments, do not hesitate to contact us directly or call one of our authorized dealers:

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