

CONVENTIONAL

WAINSCOTTING PANEL INSTALLATION INSTRUCTIONS

Cushioned Safe-Wal is designed to provide an attractive and safe cushioned Wainscot at a cost of no more than many types of walls without a safety feature. Standard panels include 2' x 6' and 2' x 5'.

The use of standard 2' wide panels is recommended wherever possible to produce the best surface at minimum cost. A factory made closure panel 1' wide is available; widths other than 1' and 2' must be altered by installer. Special length panels are available from the factory on a special price basis. Cutouts for switches, drink fountains, and other wall elements may be neatly made by installer by following the instructions in this booklet.

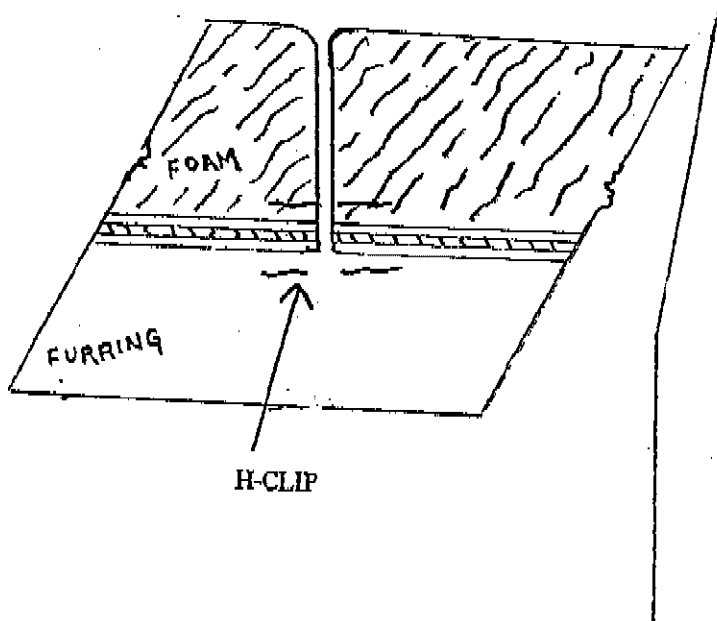
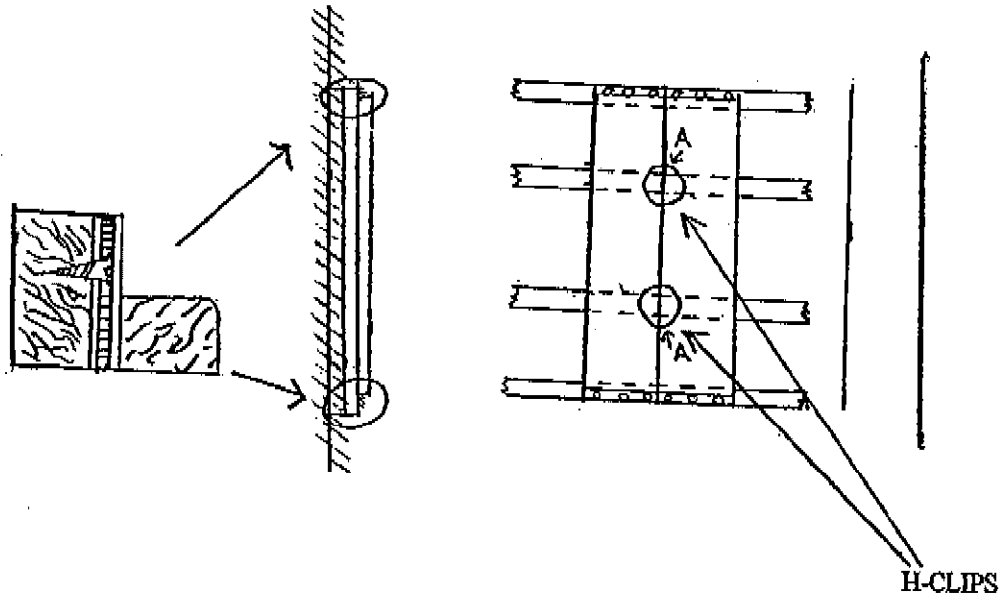
Corners should be formed as described herein. Do not butt panels at outside corners and always butt panels at inside corners. Field alterations for outside corners are easier than inside corners; if spacing permits, it is recommended that full panels be butted at inside corners. Plan panels so small cutouts do not occur near the edge of panel.

Specifications for top and bottom trim are left entirely to the architect and installations to the General Contractor. We have, however, suggested a few types of trim which are adaptable. We suggest that the trim be attached with screws to permit easy removal of a panel, if necessary at any time.

Safe-Wal is sufficiently flexible in design and construction so it may readily be adaptable to many conditioned by following the detailed installation instructions.

TO INSTALL PANEL TO FURRING

Furring to be installed by general contractor. Dimension "X" must be accurately held to length of panels specified. Use three (3) No. 10 x 1" long flat head wood screws in top and bottom of 2' panels. (See page 3 for instructions on installing panel to middle furrings.)



NOTE: H-Clips are an optional procedure and are available at local lumber yard.

Molding to be specified by architect and furnished by general contractor. 1" x 3" furring is suggested.

TO INSTALL PANEL (continued)

Where panels lap-over middle furring strips, install 2 H-clips to right edge of each panel. (Optional procedure)

The H-clips are installed by making a one inch slit in fabric at surface of plywood backing and then slide the H-clips over the plywood edge.

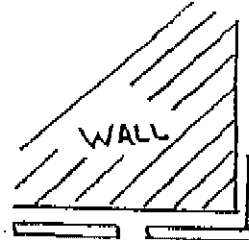
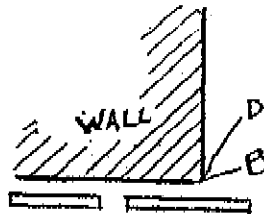
The panel edge with H-clips (the exposed side of panel) is then nailed to the middle furring strips with 4d 1/2# long finishing nails.

Slit the fabric on the subsequent panel to allow above H-clip to slide over and left side of panel. See illustration on page 2.

TO MAKE AN OUTSIDE CORNER

Hold Panel in position on one surface and mark off Line "A". From Line "A" measure out 2" and mark Line "B". Use power hand saw set at 3/8" or table saw set at 3/8". Cut along Lines "A" and "B". Remove plywood only between "A" and "B" cuts. Do not cut Urethane foam. Place panel at corner and fold around.

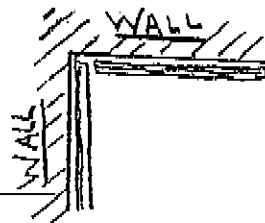
NOTE: Never make a butt joint at an outside corner.



TO MAKE INSIDE CORNER PANEL

Always make a butt joint at an inside corner. Bring one panel completely into corner, if possible, as illustrated.

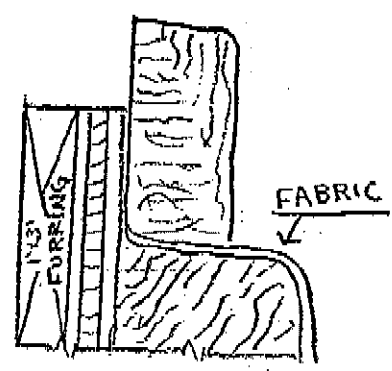
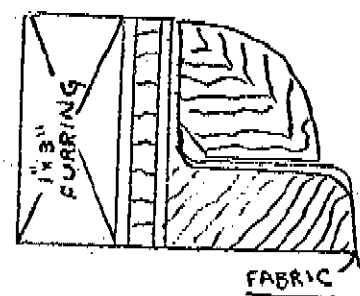
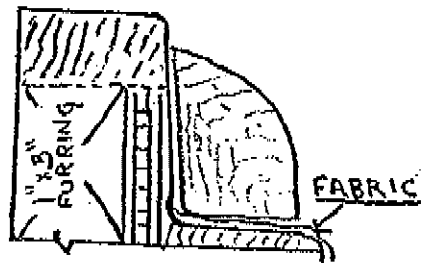
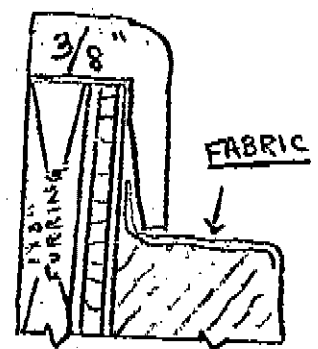
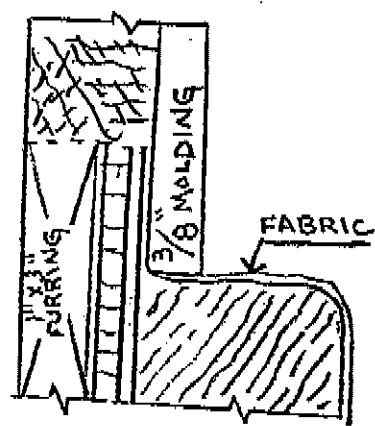
Measure space to be filled by fitted panel and mark off on back of panel. Remove all staples from one side and top and bottom. Cut plywood only with power hand saw or tablesaw set at 3/8". Cut Urethane foam along edge of plywood with large shear or sharp knife, being careful to get a smooth edge. Cut fabric 3 1/2" beyond cut edge of plywood to provide tacking strip. Re-staple or tack side then top and bottom.



SUGGESTED MOLDING TYPES

(To be specified by Architect and furnished by General Contractor.)

In designing trim, it is advisable to rabbit inside edge to allow clearance for fabric. Best design with 3/8" or 1/2" molding so trim will recess back of panel face at least 1/2" as a safety precaution.



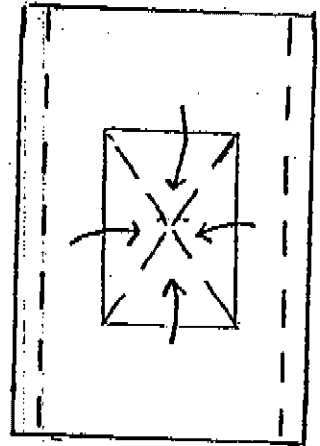
INSTRUCTIONS FOR CUT-OUTS

SUGGESTED MOLDING TYPES

Cut-outs should be avoided if possible as they involve considerable installation labor. However, if necessary for switches, drinking fountains or wall apparatus, they may be made neatly and do not detract from the appearance of the SAFE-WAL. If possible, avoid small cut-outs near the edge of panels. Large cut-outs such as a short length factory-made panel above and below the opening.

To make small cut-outs, the following procedure should be followed:

1. On back of plywood, locate cut-out and mark off to inside dimensions.
2. With hand saw, cut hole-removing plywood, and foam. Do not cut fabric.
3. Cut fabric along diagonal lines to corners of opening, as illustrated. Pull tabs through and tack to back of plywood. Finish with welting if required.
4. Glue front edge of welting to interior of cut-out. The welting back edge should be stapled or tacked to back surface of plywood.



For large cut-outs: Follow same procedure as outlined above. The fabric should be cut to allow 3" to 3 1/2" tacking margin and the corners may be closed by inserting small strips of fabric material under the cover before retacking.

NOTE: Finger marks may be removed with water and a mild soap.

MATERIALS INCLUDED FOR INSTALLATION:

Welting Trim

Vinyl Adhesive