

INSTALLATION INSTRUCTIONS

ACROVYN[®] INTERIORS Prelaminated Wall Panel

ALLOW MATERIAL TO ADJUST TO ROOM TEMPERATURE (MIN. 24 HOURS) PRIOR TO BEGINNING THE INSTALLATION

Refer to MSDS for disposal of extra adhesive.

If there are any doubts or concerns about the installation, perform a trial installation prior to beginning the project.

Should you have any questions regarding the installation, in the USA please call the factory at (800) 233-8493, and in Canada (888) 895-8955.

DO's & DON'Ts

DO read all instructions for adhesives and installation procedures, prior to beginning installation.

DO make sure materials are kept flat, clean and in a dry area before acclimating them. Material should be well supported and stored temperature should be a minimum of 50°F (10°C) and a maximum of 100°F (38°C).

DO make sure materials are acclimated in an environment of 65°F - 75°F (18°C - 24°C) for at least 24 hours prior to beginning the installation.

DO maintain panel orientation throughout the entire installation.

DO wipe the back of the wall panel with a clean, damp cloth before installation, to remove any dust and dirt.

DO wipe the wall to remove any dust or dirt.

DON'T install Prelaminated Wall Panels when room temperature is below 65°F (18°C) or above 75°F (24°C).

DON'T use Methyl Ethyl Ketone (MEK) or any similar solvents to clean Prelaminated Wall Panel surfaces.

DON'T use Scotch-Brite pads, steel wool or similar cleaning pads on Prelaminated Wall Panels.

DON'T store or stand panels on end.

REQUIRED TOOLS AND EQUIPMENT

BY CONTRACTOR

- 4'-0" or 6'-0" Level
- Tape Measure
- Circular Saw (w/ carbide tooth blade)
- Straight Edge or Guide for use with Circular Saw
- Jigsaw (w/ carbide tooth blade)
- Power Miter Saw (w/ carbide tooth blade)
- 10 oz. and 29 oz. Caulking Gun
- Utility Knife
- Tin Shears

BY C/S GROUP

- Prelaminated Wall Panels
- Trim Pieces as Ordered
- M-1 Structural Adhesive/Sealant
- Silicone Trim Adhesive
- Color Matched Caulking

I. INSPECTION, STORAGE AND HANDLING OF SHIPMENT

Inspect all materials for damage or missing parts. If you discover damaged or missing materials, in the USA please notify the factory at (800) 233-8493, and in Canada (888) 895-8955.

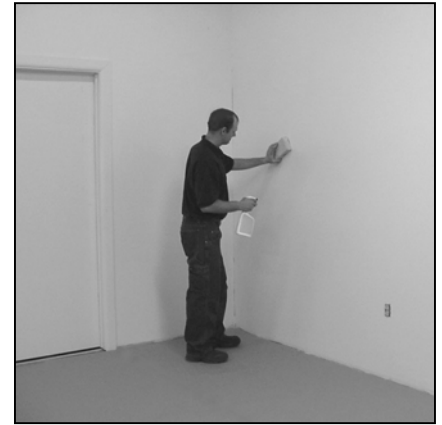
Important! All wall panels must be stored **flat** in a dry area.

Acclimate the wall panels for at least 24 hours prior to installation by allowing materials to adjust to room temperature and relative humidity.

II. WALL PREPARATION

If the existing wall finish is wallpaper, heavy gauge sheet, linoleum or a similar material, it should be inspected for loose areas. If loose areas are discovered they should be removed, nailed or stapled securely to maintain proper adhesion.

All new or existing wall substrates should be examined, clean, smooth, dry, and free of oils, loose paint and/or joint compound dust prior to installation.



III. PANEL SIZING



All wall panel orders are shipped in stock sizes unless custom panels have been specified.¹ The wall panels should be cut using either a table saw or circular saw with a carbide tooth blade. Always use a straight edge or guide to insure straight cuts when using a circular saw. A jigsaw should be used when making cutouts such as electrical outlets, fire extinguisher cabinets, etc. Always cut so that the blade rotates into the finished side of the panel or backside up.

Measurements should be taken from doorframe to doorframe, doorframe to inside corner, inside corner to inside corner, etc. Refer to the back page for deduction allowances

Always use cut edges at the beginning or the end of a run. Never use cut edges at a joint between panels (unless square edge panels have been specified).

It is recommended that multi-panel runs have equal end pieces. Verify panel locations on the project drawings if available.

¹ *If the project calls for custom panels, accurate field dimensions are required in order to produce the panels correctly. Unless other arrangements are made it will be the responsibility of the contractor to provide the dimensions.*

IV. INSTALLATION

STARTING PROCEDURE

If the installation is full height, establish a plumb line at the edge of the first panel². This will serve as a starting point for material to be installed on that wall and ensure that all-remaining panels will be plumb. A plumb line should be established at the beginning of each new run of material.

² *Determining where the first plumb line is located will be the responsibility of the installer. Project drawings, if available, should be reviewed in case joint locations have already been predetermined.*

Otherwise it is suggested that the center of the wall be the starting point for panel installation. Panels can then be installed from the center, working outward providing for end panels that are of an equal dimension.

If a wall has a prefabricated outside corner, the corner should be installed plumb and the remaining panels should be installed starting with the corner.



PANEL PREPARATION

Starting at the end of a run, cut the first panel to size and make any necessary cutouts. Dry fit the panel prior to applying the adhesive. Place the panel face down on a worktable, while protecting the finished surface, and wipe the back with a clean damp cloth to remove any dust and dirt.

ADHESIVE APPLICATION

Apply a ¼" bead of construction adhesive to the panel. Apply the adhesive on 18" [458 mm] to 20" [508 mm] centers and around the entire perimeter maintaining a maximum 1" space from the edge. One 28-oz. tube will cover 80-ft.² [7.4 M²] of panels. The bead size should be increased on uneven substrates to insure adhesion.

NOTE: Install the panel immediately to prevent the adhesive from "skinning over." You must follow the instructions to get full adhesion.

PANEL INSTALLATION

Align the panel with the level or plumb line established earlier. Once positioned, install the panel to substrate by pushing it against the wall with even pressure, ensuring full adhesive transfer.



IMMEDIATELY PEEL BACK THE PANEL TO "GAS-OFF" THE ADHESIVE IN ORDER TO IMPROVE ADHESION, then reposition the panel right away. This quickens the adhesive cure time and serves as a check to see if the adhesive has transferred to the wall substrate.

Immediately remove any adhesive from the panel that may have accidentally gotten on the Acrovyn using isopropyl alcohol, mineral spirits or diluted acetone.

Trim screws or finishing nails must be used to secure the panel in place until the adhesive cures. Placements of trim screws or finishing nails must be concealed with cove base, wainscot molding or filled with color match caulk.

NOTE: It will be necessary to brace panels to ensure better contact when applying to irregular walls. (See photo below.)

TRIM INSTALLATION

For multi-panel runs, install applicable vertical trim pieces. If color matched sealant is used at vertical joints, allow a minimum 1/16" space between panels. Notch the back of wainscot molding where it intersects vertical or edge trim. Apply a small bead of silicone sealant to the inside of the wainscot trim and snap over the top of the previously installed panels.

NOTES

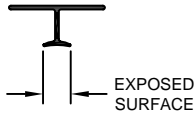
1. Whenever it is necessary to cut the wainscot trim, always support the inside with a piece of scrap panel. When cutting wainscot miters push down on the piece so the flexible portion "flattens out" as if it were installed on the panel and against the wall.
2. Tin shears work well for notching the standard wainscot at trim intersections along with using a utility knife at the scribe line, on the inside of the wainscot molding.
3. Place small pieces of wainscot molding on the panel top every 24"-36". This will maintain the necessary gap for the final wainscot piece. These pieces are required for approximately 25-30 minutes. The adhesive will be set up enough not to allow the gap to close.



CLEAN UP

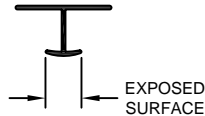
Examine all joints and cutouts to ensure that all-excess adhesives have been removed. Alcohol, mineral spirits, acetone or turpentine can be used to remove excess adhesive.

DEDUCTIONS REQUIRED TO DETERMINE FIELD-CUT PANEL SIZES



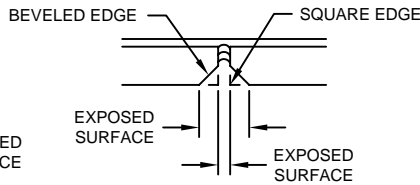
STANDARD VERTICAL JOINT MOLDING

DEDUCT 1/16"



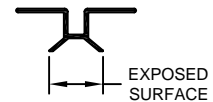
OVERLAPPING JOINT MOLDING

DEDUCT 1/16"



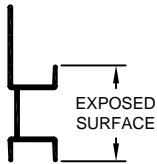
COLOR MATCH SEALANT

DEDUCT 1/16"



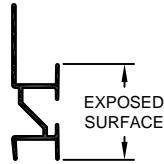
OPTIONAL ACCENT JOINT REVEAL

DEDUCT 3/8"



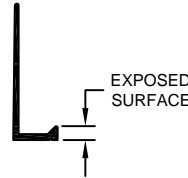
1/2" REVEAL TRIM

DEDUCT 5/16" @ ea. end



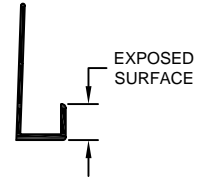
PICTURE TRACK REVEAL TRIM

DEDUCT 5/16" @ ea. end



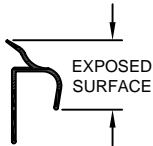
BEVELED EDGE LEDGE TRIM

DEDUCT 1/8" + COVE BASE



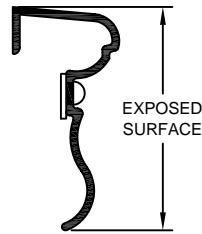
SQUARE EDGE LEDGE TRIM

DEDUCT 1/8" + COVE BASE



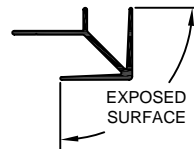
STANDARD WAINSCOT TRIM

*DEDUCT 5/16" @ Beveled Edge
DEDUCT 3/8" @ Square Edge*



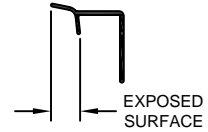
COLONIAL WAINSCOT TRIM

DEDUCT 1/8"



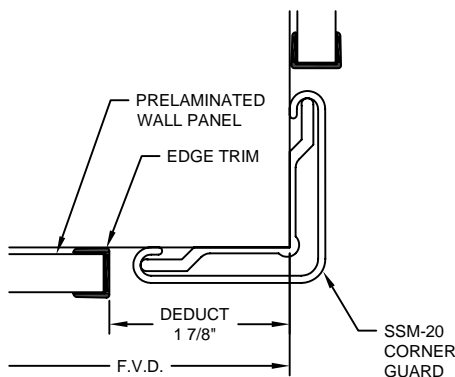
OUTSIDE CORNER MOLDING

NO DEDUCTION



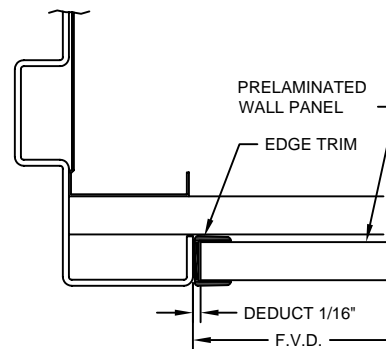
INSIDE CORNER MOLDING

DEDUCT 7/16" @ adjacent side



RECESSED SSM-20 CORNER GUARD

DEDUCT 1-7/8" @ ea. side



DOOR/WINDOW EDGE TRIM

DEDUCT 1/16"

**CONSTRUCTION SPECIALTIES INC
DECOGARD PRODUCTS**

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**A Member of the
CS GROUP
of Companies**

1/16/08

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