

ACROVYN PRELAMINATED WALL PANELS

ADHESIVE MOUNTED WALL PANELS

PLEASE READ THESE INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING THE ACROVYN WALL PANEL INSTALLATION.

THIS INSTRUCTION SHEET IS INTENDED TO PROVIDE A SPECIFIC GUIDE TO FOLLOW FOR THE INSTALLATION OF ACROVYN WALL PANELS. CONTAINED WITHIN IS THE TECHNICAL INFORMATION AND INSTALLATION TECHNIQUES REQUIRED TO COMPLETE AN EFFICIENT, NEAT AND LONG-LASTING INSTALLATION.

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 FOR CUSTOMER SERVICE.

ACROVYN WALL PANELS MUST BE INSTALLED IN ACCORDANCE WITH THESE INSTRUCTIONS! FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID ANY PRODUCT WARRANTIES AND RESULT IN AN UNSUCCESSFUL INSTALLATION. FOR SPECIFIC QUESTIONS REGARDING THE INSTALLATION OF ACROVYN WALL PANELS PLEASE CALL THE FACTORY IN THE USA AT (800) 233-8493 OR EMAIL IWPTECHSUPPORT@C-SGROUP.COM. IN CANADA CALL (888) 895-8955. FOR MORE INFORMATION ON ACROVYN WALL PANELS PLEASE SEE OUR WEBSITE AT www.c-sgroup.com.

IMPORTANT NOTES - DO NOT OVERLOOK

- THE BUILDING ENVIRONMENT WHERE ACROVYN WALL PANELS ARE BEING INSTALLED MUST ALWAYS BE CLIMATE CONTROLLED.
- IDEAL ROOM TEMPERATURE DURING INSTALLATION IS BETWEEN 65°F - 75°F (18°C - 24°C).
- ROOM TEMPERATURE AFTER INSTALLATION MUST ALWAYS BE MAINTAINED BETWEEN 60°F - 80°F (16°C - 27°C).
- ALLOW MATERIALS TO ACCLIMATE TO FACILITY ROOM TEMPERATURE (MIN. 24 HOURS) BEFORE BEGINNING THE INSTALLATION.
- SHIPMENT MAY CONTAIN MORE THAN ONE LOT NUMBER. SORT WALL PANELS BY COLOR AND INSTALL ACCORDINGLY, FAILURE TO DO SO MAY RESULT IN SHADE VARIATIONS.

DO's & DONT's

DO READ ALL INSTRUCTIONS FOR ADHESIVE 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.

DO REFER TO THE MSDS FOR DISPOSAL OF EXTRA ADHESIVE.

DON'T INSTALL ACROVYN 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 ACROVYN WALL PANEL SURFACES.

DON'T USE SCOTCH-BRITE PADS, STEEL WOOL OR SIMILAR CLEANING PADS ON ACROVYN WALL PANELS.

DON'T STORE OR STAND PANELS ON END.

DON'T EXPOSE ACROVYN WALL PANELS TO ULTRA-VIOLET LIGHT SOURCES, AS THIS COULD CAUSE FADING AND/OR COLOR VARIATION.

DON'T RUSH THE INSTALLATION.

ACROVYN PRELAMINATED WALL PANELS

ADHESIVE MOUNTED WALL PANELS

TOOLS & EQUIPMENT

SUPPLIED BY CONTRACTOR

CHALK LINE
4'-0" OR 6'-0" LEVEL
CIRCULAR SAW (w/ CARBIDE TOOTH BLADE)
STRAIGHT EDGE 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

SUPPLIED BY CONSTRUCTION SPECIALTIES

ACROVYN PRELAMINATED WALL PANELS
TRIM PIECES AS ORDERED
M-1 STRUCTURAL ADHESIVE/SEALANT
SILICONE TRIM ADHESIVE (FOR EDGE AND WAINSCOT TRIM ONLY)
COLOR MATCHED CAULKING (OPTIONAL, AS ORDERED SEPARATELY)

1. 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 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.

2. WALL PREPARATION

IF THE EXISTING WALL FINISH IS WALLPAPER, HEAVY GAUGE SHEET, LINOLEUM OR SIMILAR MATERIAL, IT SHOULD BE INSPECTED FOR LOOSE AREAS. IF LOOSE AREAS OF EXISTING SUBSTRATES ARE DISCOVERED, THEY SHOULD BE REMOVED.

ALL NEW OR EXISTING WALL SUBSTRATES SHOULD BE EXAMINED. THEY MUST BE CLEAN, SMOOTH, DRY AND FREE OF OILS, LOOSE PAINT AND/OR JOINT COMPOUND DUST PRIOR TO INSTALLATION.



3. PANEL SIZING

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.

ACROVYN PRELAMINATED WALL PANELS ADHESIVE MOUNTED WALL PANELS

4. INSTALLATION

STARTING PROCEDURE

IF THE INSTALLATION IS FULL HEIGHT, ESTABLISH A PLUMB LINE AT THE EDGE OF THE FIRST PANEL. 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.

IF THE WALL PANEL IS TO BE INSTALLED AT WAINSCOT HEIGHT, DETERMINE WHAT THE FINISHED HEIGHT IS TO BE AND ESTABLISH A LEVEL LINE THE ENTIRE LENGTH OF THE RUN. INSTALL ALL WALL PANELING BY ALIGNING THE TOP EDGE WITH THIS LINE. ESTABLISH A LEVEL LINE AT THE BEGINNING OF EACH NEW RUN OF MATERIAL.

IF LEDGE TRIM IS REQUIRED IT SHOULD BE INSTALLED PRIOR TO PANEL INSTALLATION. LEDGE TRIMS SHOULD BE FASTENED BY SMALL DRYWALL SCREWS (BY OTHERS) AND SECURELY FASTENED TO STUDDING 16" [406.4mm] O.C.

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.

IT IS SUGGESTED THAT THE CENTER OF THE WALL BE THE STARTING POINT FOR PANEL INSTALLATION. PANELS CAN BE INSTALLED FROM THE CENTER; WORKING OUTWARD PROVIDING FOR END PANELS THAT ARE OF AN EQUAL DIMENSION.

AT THE END OF A RUN, CUT END PANEL(S) TO SIZE AND MAKE NECESSARY CUTOUTS. DRY FIT THE PANELS 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.

APPLY A 1/4" BEAD OF CONSTRUCTION ADHESIVE TO THE PANEL. APPLY THE ADHESIVE ON 18" [457.2mm] TO 20" [508mm] CENTERS AND AROUND THE ENTIRE PERIMETER MAINTAINING A MAXIMUM 1" [25.4mm] SPACE FROM THE EDGE. ONE 28-oz. TUBE WILL COVER 80ft² [7.4m²] 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.



ACROVYN PRELAMINATED WALL PANELS ADHESIVE MOUNTED WALL PANELS

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 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 IS NECESSARY TO BRACE PANELS FOR 24 HOURS TO ENSURE OPTIMUM CONTACT. NOT FOLLOWING THIS STEP MAY RESULT IN ADHESION FAILURE.

TRIM INSTALLATION

IF LEDGE TRIM IS REQUIRED PLEASE REFER TO THE SECTION ENTITLED INSTALLATION STARTING PROCEDURE.

FOR MULTI-PANEL RUNS, INSTALL APPLICABLE VERTICAL JOINT, EDGE TRIM AND INSIDE AND OUTSIDE CORNER PIECES. IF COLOR MATCHED CAULK IS USED AT VERTICAL JOINTS, ALLOW A MINIMUM 1/16" SPACE BETWEEN PANELS. NOTCH THE BACK OF WAINSCOT MOLDINGS WHERE IT INTERSECTS VERTICAL OR EDGE TRIM. APPLY A SMALL BEAD OF SILICONE ADHESIVE 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" [609.6mm] TO 36" [914.4mm]. 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

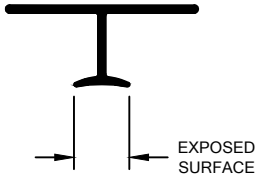
UPON COMPLETION OF THE INSTALLATION, REMOVE ALL PROTECTIVE MATERIALS (MASKING TAP, ETC.) EXCEPT FOR THE DROP CLOTHS. INSPECT ALL JOINTS AND CUTOUTS TO ENSURE THAT ALL EXCESS ADHESIVES HAVE BEEN REMOVED. ALCOHOL OR MINERAL SPIRITS CAN BE USED TO REMOVE EXCESS ADHESIVE. CONTACT WITH PANEL SURFACES MUST BE AVOIDED WHEN USING THESE CLEANING AGENTS. ONCE THE INSPECTION AND CLEAN-UP HAVE BEEN COMPLETED, THE DROP CLOTHS CAN BE REMOVED AND THE COVER PLATES AND OTHER WALL MOUNTED ITEMS CAN BE INSTALLED.

REFER TO C/S ACROVYN CARE AND MAINTENANCE INSTRUCTIONS FOR TIPS ON MAINTAINING THE WALL PANELS.



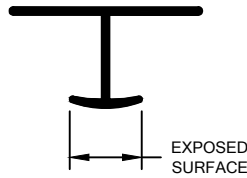
ACROVYN PRELAMINATED WALL PANELS
ADHESIVE MOUNTED WALL PANELS

DEDUCTIONS REQUIRED TO DETERMINE
FIELD-CUT PANEL SIZES



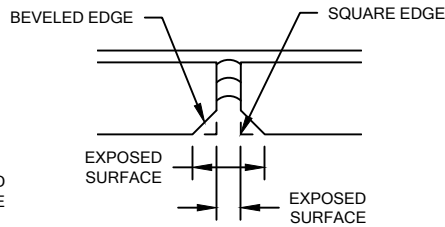
STANDARD VERTICAL JOINT MOLDING
(ACROVYN-21N003xxx)
(ALUMINUM-21A059000)

DEDUCT 1/16"



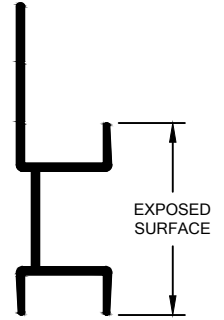
OVERLAPPING JOINT MOLDING
(ACROVYN-21N029xxx)
(ALUMINUM-21A056000)

DEDUCT 1/16"



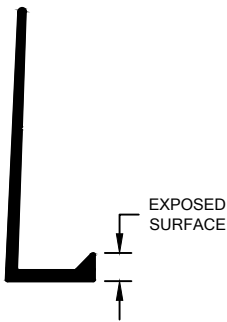
COLOR MATCH SEALANT

DEDUCT 1/16"



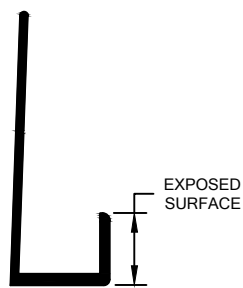
1/2" REVEAL TRIM
(ACROVYN-21N008xxx)
(ALUMINUM-21A069000)

DEDUCT 5/16" @ EA. END



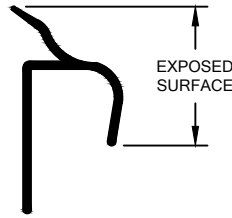
BEVELED EDGE LEDGE TRIM
(ACROVYN-21N007xxx)
(ALUMINUM-21A068000)

DEDUCT 1/8" + COVE BASE



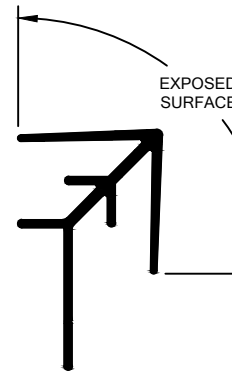
SQUARE EDGE LEDGE TRIM
(ACROVYN-21N030xxx)
(ALUMINUM-21A066000)

DEDUCT 1/8" + COVE BASE



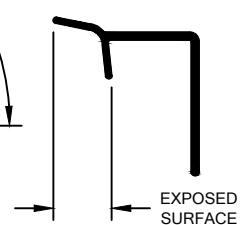
STANDARD WAINSCOT TRIM
(ACROVYN-21N028xxx)
(ALUMINUM-21A060000)

DEDUCT 5/16" @ BEVELED EDGE
DEDUCT 3/8" @ SQUARE EDGE



OUTSIDE CORNER MOLDING
(ACROVYN-21N009xxx)
(ALUMINUM-21A058000)

NO DEDUCTION



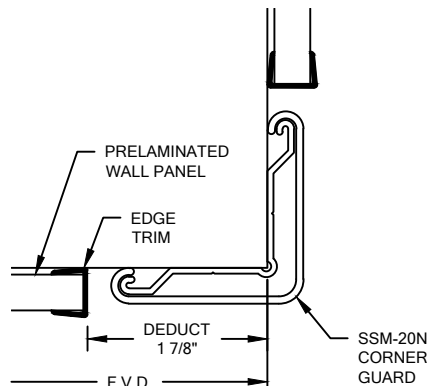
INSIDE CORNER MOLDING
(ACROVYN-21N027xxx)
(ALUMINUM-21A057000)

DEDUCT 7/16" @ ADJACENT SIDE



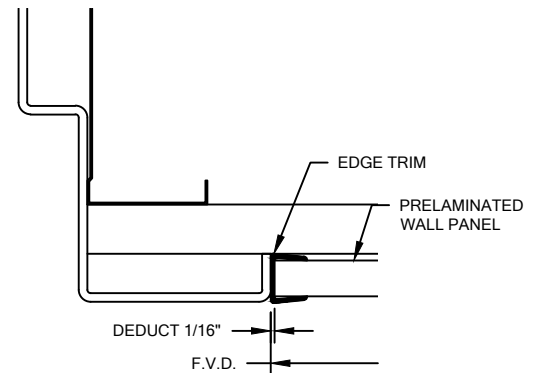
EDGE TRIM
(ACROVYN-21N005xxx)
(ALUMINUM-21A067000)

DEDUCT 1/16"



RECESSED SSM-20 CORNER GUARD

DEDUCT 1 7/8" @ EA. SIDE



DOOR/WINDOW EDGE TRIM

DEDUCT 1/16"