

## Eco-Lomella® Pro-Tec Velvet Wall Protection **INSTALLATION GUIDE**

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION.

**ASI WALL SOLUTIONS WALL PROTECTION PANELS MUST BE INSTALLED IN ACCORDANCE WITH THESE INSTRUCTIONS!** FAILURE TO FOLLOW THESE INSTRUCTIONS THOROUGHLY MAY VOID ANY WARRANTIES AND RESULT IN AN UNSUCCESSFUL INSTALLATION. CONTACT US AT **800.516.0105** FOR QUESTIONS REGARDING THE INSTALLATION OF OUR WALL PROTECTION.

INSPECT ALL MATERIALS FOR DAMAGE OR MISSING MATERIALS. IF YOU DISCOVER DAMAGED OR MISSING MATERIALS, CONTACT ASI WALL SOLUTIONS IMMEDIATELY.

All guidelines listed below are meant to be used in conjunction with Installation Instructions which indicate proper tools, materials and techniques.

- Eco-Lomella® Pro-Tec Velvet should be installed in an HVAC controlled environment with constant regulation with a maximum temperature differential of +/-5° F for best results.
- Recommended room temperature range for Eco-Lomella® Pro-Tec Velvet is 60°-80° F. Ideal room temperature during installation is between 65°-75° F.
- Allow Eco-Lomella® Pro-Tec Velvet Wall Protection to acclimate to facility room temperature for a minimum of 24 hours prior to installation.
- If the quantity of sheets to be installed in an area is 25 or more, break the stack down to a maximum of 25 sheets.
- Do not expose wall covering to UV light sources, as this could cause fading and/or color variations.
- Walls must be sealed/primed using a water base mastic primer.
- Any panels which require measuring and cutting should be dry fit prior to the application of adhesive to ensure layout. Once satisfied with layout, apply adhesive and install panel as noted in Installation Instructions.
- Leave a 1/16" gap between panels to accommodate for thermal movement. Use caulk to fill between gaps.
- Panels are to be aligned and positioned from the center point of each sheet.

## Eco-Lomella® Pro-Tec Velvet Wall Protection

### DO'S AND 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 AND A MAXIMUM OF 100°F.

**DO** MAKE SURE MATERIALS ARE ACCLIMATED IN AN ENVIRONMENT OF 65°F-75°F FOR A MINIMUM OF 24 HOURS PRIOR TO BEGINNING INSTALLATION.

**DO** MAINTAIN PANEL ORIENTATION THROUGHOUT THE ENTIRE INSTALLATION.

**DO** WIPE THE BACK OF THE WALL PANEL AND WALL WITH A CLEAN, DAMP CLOTH BEFORE INSTALLATION TO REMOVE ANY DUST AND DIRT.

**DO** REFER TO THE SDS FOR DISPOSAL OF EXTRA ADHESIVE.

**DON'T** INSTALL ECO-LOMELLA® PRO-TEC VELVET WHEN ROOM TEMPERATURE IS BELOW 65°F OR ABOVE 75°F.

**DON'T** USE METHYL ETHYL KETONE (MEK) OR ANY SIMILAR SOLVENTS TO CLEAN ECO-LOMELLA® PRO-TEC VELVET SURFACES.

**DON'T** USE SCOTCH-BRITE PADS, STEEL WOOL OR SIMILAR CLEANING PADS ON ECO-LOMELLA® PRO-TEC VELVET WALL PROTECTION.

**DON'T** STORE OR STAND PANELS ON END.

**DON'T** STACK WALL PROTECTION IN PILES OF MORE THAN 25 SHEETS.

**DON'T** EXPOSE ECO-LOMELLA® PRO-TEC VELVET WALL PROTECTION TO ULTRA-VIOLET LIGHT SOURCES. THIS COULD CAUSE FADING AND/OR COLOR VARIATION.

**DON'T** RUSH THE INSTALLATION!

If you have any concerns about the installation, we suggest you perform a trial installation before beginning the project. If any questions regarding the installation remain, please contact us at **800.516.0105** and ask to speak with one of our installation professionals.

## Eco-Lomella® Pro-Tec Velvet Wall Protection

# TOOLS AND EQUIPMENT

### SUPPLIED BY CONTRACTOR

CHALK LINE  
4'-0" OR 6'-0" LEVEL  
CIRCULAR SAW  
JIGSAW  
POWER MITER SAW  
CARBIDE TOOTH BLADE  
UTILITY KNIFE  
STRAIGHT EDGE  
CAULKING GUN  
TIN SHEARS  
MASKING TAPE  
1/8" V-NOTCH TROWEL  
PAINT TRAY & ROLLER  
WATER BUCKET  
MILD DETERGENT  
DROP CLOTH

### SUPPLIED BY ASI WALL SOLUTIONS

ECO-LOMELLA® WALL PROTECTION PANELS  
XT2000 ADHESIVE  
XT2000 PRIMER

### OPTIONAL ADD-ONS

DINNIX® METAL TRIMS  
COLOR MATCHED CAULKING

Eco-Lomella® Pro-Tec Velvet Wall Protection can be trimmed by using shears, a spiral saw or a utility knife. If using a utility knife, several cuts will be required to cut completely through material.

## Eco-Lomella® Pro-Tec Velvet Wall Protection

# SURFACE PREPARATION

**PAINTED SURFACES** - Apply a 12" x 12" piece of our wall protection in an inconspicuous area to test for adhesion. Allow sample piece to rest for 24 hours, then remove and examine the area. If the paint has softened where the adhesive was applied, the paint must be removed or sealed with water base primer such as ASI Wall Solutions' XT2000 primer. **If walls are drywall, test over a joint compound location if possible.**

**EXISTING WALL COVERINGS** - When installing over existing wall covering, the entire surface must be inspected to insure that all areas are securely bonded to the wall surface. Any loose areas must be removed and repaired. Then, the existing wall covering should be clean with a mild detergent and wiped dry. Wait until all cleaned areas are completely dry before installation. A test installation should be performed to insure proper adhesion is achieved.

**NOTE: All new or existing walls should be examined and must be clean, smooth, dry and free of oils, loose paint and/or joint compound dust prior to installation. For any wall conditions, ASI Wall Solutions recommends a test installation be performed to insure proper adhesion of Wall Protection. Adhesive testing is the responsibility of the contractor.**

# Eco-Lomella® Pro-Tec Velvet Wall Protection

## **INSTALLATION INSTRUCTIONS**

### **STEP 1 - PREVENTATIVE MEASURES & WALL PRIMING**

To insure easy clean-up and to possibly prevent damage to adjacent finishes, place a drop cloth at the base of the walls, mask door and window frame edges, and remove all cover plates for switches, outlets, thermostat covers, etc.

ASI Wall Solutions recommends our XT2000 primer for installations, but any water-based mastic primer should allow a dry time of 24 hours prior to installation.

**NEW DRYWALL OR PLASTER** - Walls must be sealed/primed using a water based primer such as ASI Wall Solutions XT2000 Primer.

**CONCRETE, CONCRETE BLOCK, WOOD PANELING, PLYWOOD OR SIMILAR** - These surfaces must be made smooth with a coating of spackling compound and then primed with a water based mastic primer such as XT2000 Primer.

**WALL COVERING OVER DRYWALL OR PLASTER** - Existing wall covering must be cleaned and all materials should be thoroughly secured to wall prior to installation. Any loose materials should be removed. Priming is not necessary for these surfaces.

**NOTE: Adhesive testing is the responsibility of the contractor.**

### **STEP 2 - LAYOUT**

**FULL HEIGHT INSTALLATION** - Establish a plumb line at the edge of the first panel. This will serve as a starting point for the wall protection to be installed and will ensure the remaining panels will be plum. Establish a plumb line at the beginning of each new installation of wall protection.

**WAINSCOT HEIGHT INSTALLATION** - Determine the finished height and establish a level line for the entire length of the run. Install wall protection panels by aligning the top edge with this line. A level line should be established for each new run of material.

**NOTE: ASI Wall Solutions suggests that the center of the wall be the starting point for wall protection panel installation. This allows for end panels that are of an equal dimension.**

### **STEP 2 - SHEET PREPARATION**

Prepare the first sheet by making any necessary cutouts. Place panel face down on a protected surface such, as a worktable. Wipe the backer with a clean damp cloth to remove any dust or dirt.

## Eco-Lomella® Pro-Tec Velvet Wall Protection

# INSTALLATION INSTRUCTIONS

### STEP 3 - ADHESIVE APPLICATION

Use the 1/8" v-notch trowel to apply XT2000 water based mastic adhesive to an area of the wall surface that can be completed within the cure time of the adhesive. Make sure entire area receives an even coat. **DO NOT ALLOW ADHESIVE TO OVER CURE!**

When applying adhesive to the wall, the trowel should be held as close to perpendicular to the wall as possible. Angles less than 90° can reduce the amount of adhesive for proper installation and may result in delamination.

Trowel notches must be cleaned regularly. Allowing notches to fill with dried adhesive will reduce overall application, leading to failures due to inadequate adhesive. Projected adhesive coverage using the 1/8" v-notch trowel is approximately 125-150 sq. ft./gal. Occasionally check the adhesive coverage to be certain the correct amount is being applied.

Under typical room conditions, the proper cure time of XT2000 adhesive is approximately 30 minutes but could be up to 2 hours. This time can vary due to factors such as temperature and humidity. Fans and dehumidifiers (in high humidity conditions) may be used to help reduce cure time. When applied, the adhesive is white and creamy, and as it cures it will become translucent and tacky. Cured adhesive should feel firm and tacky to touch, but not transfer onto your finger. Once the adhesive has cured properly the wall protection can be installed.

**NOTE: Allow adhesive to reach the proper cure time of approximately 30 minutes to 2 hours depending on surface. Installing wall protection before the adhesive is cured will result in bubbles or delamination.**

### STEP 4 - HANDLING AND INSTALLATION

Be careful when handling Eco-Lomella® Pro-Tec Velvet Wall Protection as careless handling could result in kink/bend marks that cannot be repaired. Using two people to move large sheets will help prevent damage.

Align the edge of the wall protection panel with the plumb line drawn in step 2. Lightly rub the wall protection panel starting from at least 6 inches in from the edge working your way around the panel until the remaining areas are in contact with the wall surface. This panel can be repositioned as long as it is not pressed firmly on the adhesive.

**NOTE: Removing excess adhesive or adhesive in unwanted areas with soap and water is recommended before it cures as it becomes more difficult to remove.**

### STEP 5 - TRIM APPLICATION

If required, install the vertical trim after the first sheet is in place, but before the smoothing step (following step). Attach the trim to the edge of the installed panel. Make sure to allow for thermal movement tolerance. Use roller to press down on trim to make full contact with adhesive.

## Eco-Lomella® Pro-Tec Velvet Wall Protection **INSTALLATION INSTRUCTIONS**

### **STEP 6 - SMOOTHING**

Once Eco-Lomella® Pro-Tec Velvet Wall Protection is in place (along with adjacent trim if applicable), use a roller to insure maximum contact with adhesive. Start in the middle of the panel and work toward the top, bottom and sides with the roller using full width strokes in an arching motion. This smoothing process also helps remove any trapped air pockets to ensure proper adhesion. Once roller smoothing is completed run your hand along the panel to feel for any bubbles or loose areas that may exist. Repeat the roller process to work these air pockets to the outside of the material and ultimately out, creating a full contact adhesion.

### **STEP 7 - ABUTTING PANELS WITH VERTICAL TRIMS**

When working with vertical trim, the next panel should be installed by inserting the adjacent edge into the vertical trim that has already been installed. Starting with the corner, slide into the vertical trim and gradually work along the length of the trim until the panel is in position. Make sure to leave room for thermal movement.

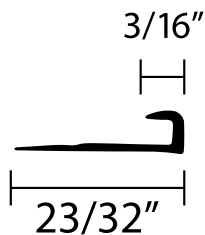
### **STEP 8 - CORNERS**

At inside and outside corners, cut the wall protection to the width needed minus 1/16". Test proper sizing by dry fitting panel with the inside corner or outside corner trim. If satisfied, apply adhesive as noted in step 3, and align the panel edge with the adjacent panel. Repeat smoothing process from step 6 rolling toward the inside or outside corner.

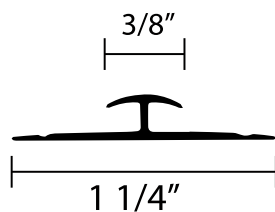
### **STEP 9 - CLEAN UP**

Once installation is complete, remove all masking tape. Inspect all joints and cutouts for any remaining excess adhesive. Use soap and water to clean any remaining residue and let dry. Remove drop cloths and install cover plates and other wall mounted items.

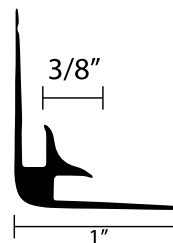
## Eco-Lomella® Pro-Tec Velvet Wall Protection **STANDARD TRIMS**



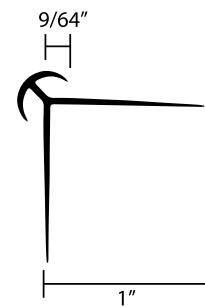
**EDGE TRIM**  
A604L



**DIVIDER BAR**  
A601L



**INSIDE CORNER**  
A602L



**OUTSIDE CORNER**  
A603L

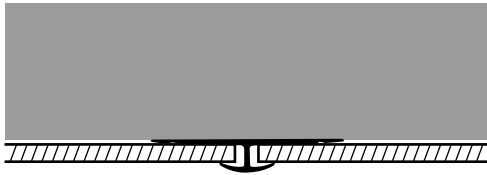
Eco-Lomella® Pro-Tec Velvet Wall Protection  
**INSTALLATION VISUALS**



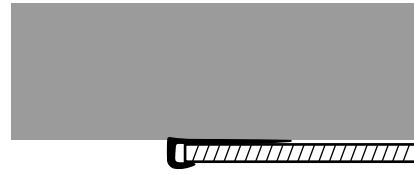
**BUTT JOINT**



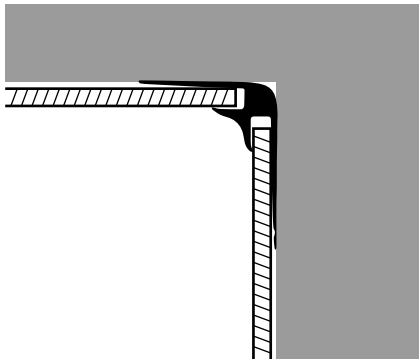
**CAULKED JOINT**



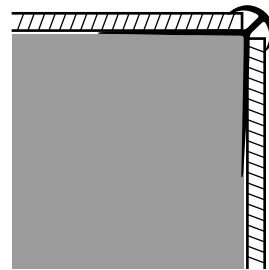
**DIVIDER TRIM**



**EDGE TRIM**



**INSIDE CORNER TRIM**



**OUTSIDE CORNER TRIM**