

general

- The permanent HVAC system must be turned on and set to a minimum of 68°F (20°C) for a minimum of 72 hours prior to, during, and after installation. After the installation, the maximum temperature should not exceed 100°F (38°C).
- Only L910 Adhesive (available from walltalkers®) should be used.
- Use a 1/16" x 1/16" x 1/16" square notch trowel only.
- Ensure the **tac-wall** has been acclimated to the installation area for a minimum of 24 hours prior to installation.
- Material should always be visually inspected prior to installation; any material installed with visual defects will not be considered a legitimate claim as it pertains to labor cost.
- Wall must be smooth, rigid, flat, dry, clean, and free of all foreign materials such as dust, paint, grease, oils, solvents, sealers, and old adhesive residue.
- All **tac-wall** must be from the same lot for color matching of butted seams/same room wall installations.

PLEASE NOTE: Factory edges cannot always be butted together due to shipping and because the factory edges are not always straight.

- Apply the **tac-wall** with burlap (jute) backing to the wall.
- Perform an adhesive bond test prior to installation to ensure an adequate bond.
- **tac-wall** will expand slightly in width and shrink slightly in length when placed into the adhesive. Proper installation procedures will compensate for this.
- Do not reverse sheets for seaming.
- Install one sheet at a time.
- Install all cuts and rolls in consecutive sequence.
- Ensure that all recommendations for jobsite conditions are met prior to beginning the installation. Once the installation is started, you have accepted those conditions.

1. application possibilities

tac-wall can be applied in two different ways:

- Installed as a notice board or a panel for furniture workstations/partitions.
- Installed to cover entire walls/parts of walls.

1.1 Installing **tac-wall** as a notice board or a panel for furniture workstations/partitions

CUTTING SHEETS

Unroll **tac-wall** and cut to the length, adding 2" to 3" of overlap, preferably 24 hours prior to installation. Lay sheets flat and allow them to acclimate at a minimum temperature of 68°F (20°C). Back roll sheets once in reverse direction to release roll stretch and end curl. **Tac-wall** shrinks lengthwise (1% at maximum) and expands slightly widthwise.

CHOICE OF ADHESIVE

Apply L910, a SBR solvent free adhesive, with a 1/16" x 1/16" x 1/16" square notched trowel. When using a press, the use of high-quality polyvinyl acetate dispersion adhesive may be used in a double-stick method.

ADHERING & PRESSING

Adhere the **tac-wall** onto the surface of a backing board and press in firmly with a hand roller, or with a press. Using a press enables a number of **tac-wall** covered sheets to be pressed simultaneously.

SAWING/MILLING TO SIZE

Test the **tac-wall** for proper adhesion then saw or mill to size.

NOTE: Always use sharp tools for best results.

FINISHING OFF EDGES

The edges can be finished by:

- Fitting a frame around the edge
- Beveling the edges
- Milling to desired edge
- Cutting the edges straight

BACKING/COUNTER-BALANCING

Standard recommendation: For proper counter-balancing, the back of the board should also be covered with the same material as that pasted on the front, in the same direction, with the same type of adhesive and, if possible, at the same time. Depending on the thickness, symmetrical construction and rigidity of the surface (MDF, plywood, etc.) other materials can also be used, such as foil, laminates, impregnated paper, or marine lacquer sprays. We recommend conducting a test installation if you have not worked with the materials before.

1.2 Installing **tac-wall** to cover entire walls/parts of walls

WALL CONDITIONS

Tac-wall can be adhered directly onto walls, which are compression and deformation resistant, and permanently dry, smooth, and clean. Fill in crevices on non-smooth walls and sand. Lightly sand off any existing adhesive residue. Be sure the walls being covered are clean and free of dust. This is to ensure proper bonding with the adhesive. It is always best to conduct an adhesive bond test prior to installation.

JOB CONDITIONS

Cut sheets of **tac-wall** to required length, adding 2" to 3" extra, preferably 24 hours prior to installation. Lay sheets flat and allow them to acclimate with the permanent HVAC system set at a minimum of 68°F (20°C) for at least 72 hours prior to, during, and after the installation. If possible, store sheets in the room they are to be installed. **Tac-wall** shrinks lengthwise (1% at maximum) and expands slightly widthwise.

CUTTING TO SIZE

For the best results, remove factory edge from both sides of the first panel with a seam and strip cutter (available from walltalkers). A straight edge, utility knife, or hooked blade knife may also be used to trim the factory edge. Trim off approximately 1/2". With a utility knife, score material about one third of the material thickness. Then, with the hooked blade knife, cut along the score line, holding the knife at an angle to slightly undercut the edge. For best results, do not use sheets less than 39" wide.

If subsequent sheets are to be installed, trace cut the edges with the seam and strip cutter. Follow instructions provided with the tool and/or request a copy of the **tac-wall** installation video from your distributor.



CHOICE OF ADHESIVE

Dry fit the sheet and direct scribe, using a divider tool, along the ceiling and floor. Score and undercut the sheet along the scribe marks. Prior to installation, back roll sheets once in reverse direction to release roll stretch. Draw a perpendicular pencil line on the wall for your starting edge. Draw another perpendicular pencil line for the opposite side of the tac-wall panel. For best results, use L910 adhesive. Typically, the working time of the L910 is 15 minutes (temperature and humidity may affect working time). Apply adhesive to the wall (between the perpendicular pencil lines) with a putty knife and spread with a 1/16" square notched trowel. Only apply enough adhesive to adhere to one panel at a time. If necessary, apply 10" to 12" of contact adhesive or acrylic dispersion to the upper part of the wall and to the back of the tac-wall to prevent the sheet from sliding down along the fresh adhesive.

PRESSING INTO ADHESIVE

Press the sheet of tac-wall into the fresh adhesive, starting with the top edge and the side along the first perpendicular pencil line. Work from the top downwards, widthwise first. Firmly roll through the width then the length with a heavy pressure roller to ensure proper transfer of adhesive and to remove all air bubbles. Remove adhesive residue immediately with a damp cloth. Mineral spirits may be used to remove dried adhesive from the surface of the tac-wall. The first sheet should now be fully cut in, adhered, and rolled.

NOTE: On non-porous walls it is best to let the adhesive flash off at least 50% (make sure adhesive remains wet enough to transfer to the burlap backing) before applying the tac-wall material. This will give better initial tack and allow the adhesive to cure properly.

SEAMING WITH SUBSEQUENT SHEETS

Install all tac-wall in the same direction. Using the edge of the first piece installed, measure and make a pencil line for the opposite edge of the next panel to be installed. Dry fit the next sheet and direct scribe, using a divider tool, along the ceiling and floor. Score and undercut the sheet along the scribe marks. Spread the L910 adhesive with proper-notched trowel. Spread from the edge of the first sheet to the pencil line at the seam edge of the second sheet. Press firmly into place with a heavy pressure roller. Roll seam with hand roller. Remove adhesive residue immediately with warm water and a mild detergent. Dried adhesive can be removed with mineral spirits. Repeat the same procedures for each sheet, completing one sheet at a time until the job is completed.

NOTE: When installing tac-wall to cover an entire wall, it is best to finish off walls with crown molding and base. In your take offs, order enough material so that you won't have any cross or butt seams.

NOTE: Another acceptable method for fitting the tac-wall in an entire wall installation is to pattern scribe the material. This would be recommended when the material has to be fit to the exact size without the use of molding or base.

FINISHING OFF JOINTS

Possibilities:

- Install tac-wall sheets with trace cut edges butted against each other, use seam and strip cutter.
- Install tac-wall sheets with trimmed factory edges butted against each other, and gouge out grooves between the sheets with the grooving gouge.

- Remove the factory edges from both tac-wall sheets and affix the sheets to the desired distance from each other, after having painted the visible part of the wall in a matching color.
- Finish the edges with T-profiles, obtainable from retail shops.
- Trim factory edges. Then, using a routing machine, bevel or shape the edge for the desired look. Then, install the tac-wall butted against each other.

FINISH

Finish off wall with strips and skirting.

INSIDE CORNERS

For best results, pattern scribing the material will ensure a tight fit between the tac-wall sheets.

OUTSIDE CORNERS

For the best finish look, an outside corner guard profile should be used. This will ensure adequate protection and durability to the installation.

2. maintenance instructions for tac-wall

Tac-wall is supplied with a smooth finish and is very easy to clean.

2.1 after installation

Tac-wall is ready for immediate use. Adhesive residue should always be removed as quickly as possible with a clean damp cloth. Dried adhesive residue should be cleaned with a clean cloth and mineral spirits.

2.2 regular maintenance

Regular dusting or, if necessary, wiping with a damp cloth guarantees a long useful tac-wall life.

NOTE: Tac-wall does not normally need a special maintenance product.

2.3 intensive maintenance

Clean tac-wall with a soft brush or cloth and lukewarm water using a neutral pH (7-8.5) cleansing agent, such as Marmoleum Floor Cleaner. Remove water with a squeegee and a cloth. Rinse with clean water to prevent the formation of white residue. Use a squeegee once more to remove water.

2.4 drying room film

Tac-wall is made from natural raw materials. While it is maturing in the drying stoves, a yellow coat, termed "drying room film" may appear on the surface. This occurs during the manufacturing process. This film, caused by oxidation of linseed oil, occurs intermittently and with varying intensity. It is most noticeable on the blue and gray shades. However, the discoloration is only TEMPORARY.



tac-wall® installation instructions

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walltalkers

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