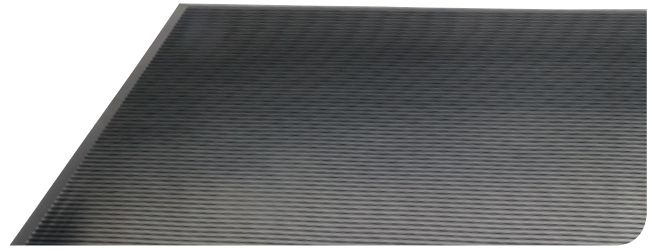


Labor Saver Self-Adhesive Mat System Installation Instructions



The power of control. Automated.

The Larco Labor-Saver Self-Adhesive Mat System offers an alternative mounting method in applications where traditional trim and extrusions may not be acceptable. It can also reduce labor costs associated with drilling holes and fastening trim. Two or more people are required for proper installation. Once the backing of the self-adhesive tape has been removed, extreme care should be used in placement of the safety mat.



Surface Preparation

1 Spray or wipe the surface where the mat is to be mounted with a cleaning solution that contains 50:50 mixture of isopropyl alcohol (IPA) and water.

2 Wipe the surface with a clean, dry cloth or paper towel until the surface is dry.

It works best to use one cloth for cleaning and another cloth for drying. Cotton rags and heavy paper towels work most efficiently. Change rags or towels often to avoid smearing or contaminating already clean surfaces.

Where heavy oils or greases are present, there may be a need to first cut the oil with a “degreasing” solvent. Always follow this by cleaning with an IPA/water mixture to help ensure removal of any residue or film. Some plastics and paints may also have additives that are low surface energy materials that can impede adhesion. These may require removal by abrading or priming.

One way to assess cleanliness is that a surface prepared for Labor Saver Mat installation should be as clean as one being prepared for painting.

DO NOT REMOVE TAPE BACKING UNTIL INSTRUCTED TO DO SO!

Mounting Surface Tips

DO

- Always clean any surface with a 50:50 IPA/water solution prior to bonding with Larco Labor Saver Mats
- Clean heavily-oiled or greasy surfaces with degreasing solvent prior to cleaning with IPA/water solution
- Make sure surface is dry before applying tape
- Change the cloth or towels frequently
- Abrade to remove heavy layers of dirt or oxidation
- Abrade to promote a faster bond or higher ultimate strength, if necessary
- Clean the surface with 50:50 IPA/water solution after abrading to remove dirt, contaminants and abrasive particles

DO NOT

- Substitute other cleaners for IPA/water solution without a thorough evaluation
- Clean with denatured alcohol, mineral spirits, naphtha or other solvent products
- Use dirty rags for cleaning
- Abrade soft plastics, such as polyefins

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Installation

- 1** Read and follow the instructions on surface preparation. The mounting surface must be clear of any debris, oil and grease to ensure proper installation of the safety mat.
- 2** Carefully remove the safety mat and/or trim from their shipping cartons. Follow the instructions for unpacking and handling included with the Larco mat.
- 3** Place the mat in the desired location to verify cord location and reference distances. Always use two people to move the mat into place. Take caution not to damage or prematurely remove the VHB tape backing from the mat or trim prior to installation by dragging the mat across the floor or any surface.

CAUTION: AVOID WALKING ON MATS DURING PLACEMENT AS THE MATS MAY "CREEP" OUT OF POSITION.

- 4** **IF VHB TAPE IS PRE-APPLIED DIRECTLY TO THE MAT:** Carefully stand or kneel in the center of the mat. Verify that the mat did not move. With the mat in the desired position, lift the corner of the mat approximately 6" off the prepared surface creating a gentle bend. Use extreme caution to avoid bending the mat back so far that it would kink or bend the internal electrode causing permanent non-repairable damage.

Peel the backing off the VHB tape on the exposed end of the mat. When done, lower the mat to the prepared surface. Do not apply pressure to the edge at this time. Repeat this procedure on the opposite end of the mat. Verify the correct positioning of the mat and press down on the perimeter of the mat.

IF VHB TAPE IS PRE-APPLIED DIRECTLY TO THE MAT TRIM: With the mat in the desired position, carefully peel backing off the VHB tape. When done, carefully lower the trim into position on the mat edges. If using lock-lip edge mats, ensure the trim fits into appropriate lock lip groove on the edge of the mat. Do not apply pressure to the edge at this time. Repeat this procedure for each piece of trim to bond to the mounting surface.

- 5** If the mat was positioned incorrectly, it cannot be moved easily. If the mat needs to be repositioned it must be done immediately as the VHB tape bond strengthens over time. Each time the mat is lifted and repositioned the bond will be weakened. Remove the mat carefully lifting one end of the mat or trim approximately 6" and carefully work the edges of the mat or trim up around the mat. With the mat completely removed from the prepared surface place it in the correct location. Do not slide it, the tape will roll.

NOTE: THE MAT CAN BE DAMAGED IF TOOLS OR PRY BARS ARE USED TO REMOVE THE MAT. BENDING THE MAT EXCESSIVELY MAY DAMAGE THE INTERNAL COMPONENTS.



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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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