

# Labor Saver Self-Adhesive Mat System Installation

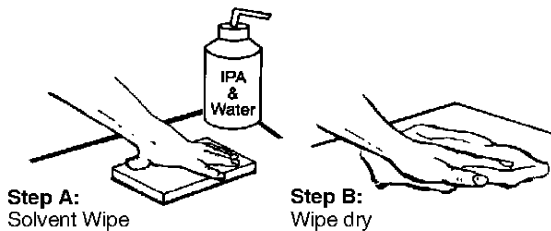
## General Information:

The Larco Labor-Saver Self-Adhesive Mat System offers an alternative mounting method in applications where traditional trims and extrusions are inappropriate. It is important to follow all instructions that came with your Larco Safety Mat. 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

Spray or wipe the surface where the mat is to be mounted with a cleaning solution of a 50:50 mixture of isopropyl alcohol (IPA) and water. Wipe the surface with a clean, dry cloth or paper towel until the surface is dry (see steps A and B below and left).

Sometimes it may work best to use one cloth for cleaning and one cloth for drying. Cotton rags and heavy paper towels tend to work most efficiently. Be sure to change rags or towels often to avoid smearing the dirt around 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, but this should always be followed with an IPA-water cleaning to help ensure that any residue or film is cleaned off the mounting surface. 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!**

### Suggested Do's and Don'ts

#### Do:

- Always clean any surface with 50: 50 IPA-water solution prior to bonding with Larco Labor Saver Mats.
- Clean heavily-oiled or greasy surfaces with degreasing solvent prior to 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 solution after abrading to remove dirt, contaminants and abrasive particles.

#### Do Not:

- DO NOT substitute other cleaners for IPA-water solution without a thorough evaluation.
- DO NOT clean only with denatured alcohol, mineral spirits, naphtha or other solvent products.
- DO NOT use dirty rags for cleaning
- DO NOT abrade soft plastics, such as polyefins

## Larco Labor Saver Safety Mat System Installation, Continued

### Installation Instructions:

VHB tape is applied at the factory to your Larco mat or trim depending on your specifications. Read and follow the instructions below to install your Larco Labor Saver Safety Mat System.

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 your safety mat.
2. Carefully remove the safety mat and/or trim from their shipping cartons. Follow the instructions for unpacking and handling that came with your Larco Safety Mat.
3. Place the mat in the desired location to verify cord location and reference distances. Always use two people to move the safety mat into place. Take caution not to damage or prematurely remove the VHB tape backing from your 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 YOUR MAT:** Carefully stand or kneel in the center of the mat. Verify that the mat did not move. With mat in 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 safety mat to the prepared surface. Do not apply pressure to edge at this time. Repeat procedure on opposite end of mat. Verify correct positioning of the mat and press down on the perimeter of the mat.

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

5. If the mat was positioned incorrectly, it cannot be moved easily. If you need to reposition the mat, you must do it 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 by 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.



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