MELORS

Melors EVA Boat Decking Installation Guide

Professional Marine-Grade Flooring Solutions

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1. Safety Precautions

- Work in a well-ventilated area to ensure air circulation.
- Wear protective gloves when handling chemicals like isopropyl alcohol or primers.
- Ensure the boat deck surface is completely dry before starting the installation.
- Optimal installation temperature range: 15°C - 38°C (60°F - 100°F).

2. Tools & Materials Required

Item	Purpose
Isopropyl Alcohol (IPA)	Cleaning and degreasing the deck
Clean Cloths	Wiping down surfaces
Utility Knife	Precision cutting and trimming
Roller Tool	Ensuring firm adhesive contact
3M Primer (94)	Enhancing edge adhesion
Measuring Tape	Taking accurate dimensions
Pencil/Marker	Marking cut lines
Ruler/Template	Guiding straight cuts

3. Surface Preparation

A successful installation starts with a perfectly clean surface. Use Isopropyl Alcohol (IPA) and clean cloths to thoroughly scrub the boat deck. It is critical to remove all wax, oil, dirt, and moisture. Any residue left on the surface will significantly weaken the adhesive bond.

4. Dry Fitting

Before removing the adhesive backing, place all EVA sheets on the deck in their intended positions. This 'Dry Fit' allows you to check alignment, spacing, and the overall look. Make any necessary adjustments or trims with a utility knife while the backing is still on.

5. Installation Steps (4-Step Method)

> Pro Tip: Start from the center of the sheet and work your way out to the edges to prevent air bubbles.

STEP 1: CLEAN — Thoroughly clean the surface with IPA. Ensure it is 100% dry and free of any contaminants.

STEP 2: DRY FIT — Position the sheets. Use masking tape if necessary to hold them in place for final verification.

STEP 3: PEEL & STICK — Slowly peel back the paper backing from one corner. Press the sheet down firmly, moving progressively across the surface.

STEP 4: ROLL — Use the roller tool to apply heavy pressure over the entire surface. Pay special attention to the edges and corners to ensure a permanent bond.

6. Edge Treatment

- Bevel Cutting: Use a sharp blade at a 45-degree angle for exposed edges to create a smooth transition.
- Corner Fit: Use L-shaped cuts for tight corners to ensure full coverage.
- Sanding: Gently sand the cut edges with fine-grit sandpaper for a professional, seamless finish.
- Priming: Apply a thin layer of 3M Primer 94 to the deck where the edges of the EVA sheet will sit for maximum durability.

7. Troubleshooting

Problem	Solution
Air Bubbles	Carefully pierce the bubble with a thin needle and use the roller to flatten it.
Edge Lifting	Apply a small amount of 3M primer under the edge and apply weight for 24 hours.
Size Mismatch	Re-measure the area and use a ruler with a utility knife for a precision corrective cut.
Adhesive Residue	Wipe the area with alcohol or a dedicated adhesive remover cloth.

8. Maintenance Guide

- Clean regularly with mild soap, fresh water, and a soft-bristle brush.
- Avoid using harsh chemicals such as bleach, acetone, or high-pressure washers directly on the edges.
- Inspect the decking annually for any signs of wear or lifting.
- If a section is damaged, it can be easily removed and replaced with a new matching piece.

9. Warranty Information

Melors Marine provides a 3-year limited warranty on our EVA Boat Decking against material defects and UV degradation under normal use. This warranty does not cover damage caused by improper installation, neglect, or exposure to unauthorized chemicals. For warranty claims, please contact your local distributor with proof of purchase.