

Acrylic Roll Flooring Installation Guide

Based on the badminton base-mat workflow.
Adjusted for acrylic roll flooring:
remove the release liner, no glue,
double-sided seam welding.
No 24-hour acclimation before installation.

[Installer Training](#)

[Site Inspection](#)



Subfloor Clean & Layout

Pre-Lay, Align & Trim

Peel Release Liner Immediately

Double-Sided Seam Welding

Compact, Edge & Inspect

Same Workflow, Four Required Changes

Keep From the Standard Process

1. Flat, dry, dust-free subfloor
2. Pre-lay and align before installation
3. Straight seams and aligned edges
4. Compact and inspect after completion

Mandatory Changes

1. Peel off the release liner after bonding
2. Do not use glue
3. Weld seams on both sides
4. No 24-hour acclimation before installation

These four items are the key control points for acrylic roll installation.

Pre-Installation Check: No 24-Hour Acclimation

1 Subfloor

Flat and dry.
Clean and dust-free.
No raised spots.

2 Site

Avoid moisture.
No standing water.
Stable conditions.

3 Material

Check direction.
Check color.
Edges intact.

4 Tools

Knife, ruler, roller.
Welding tools.
Cleaning tools.

**After site inspection, proceed directly to pre-laying, alignment, and installation.
Do not copy the base-mat rule of 24-hour acclimation before installation.**

Tools and Materials: Glue Is Excluded

Cutting

Utility knife /
Straightedge / Tape
measure / Marking
tools

Compaction

Hand roller / Heavy
roller / Scraper

Welding

Welding tool / Welding
rod / Trimming knife

Cleaning

Vacuum / Dry cloth /
Subfloor cleaning tools

NO GLUE

Do not use glue: no full-spread gluing, touch-up gluing, or spot gluing. Glue can cause arching, curled edges, or contamination later.

Pre-Laying and Alignment: Lay Flat First

1 Unroll

Unroll naturally.
Avoid reverse rolling,
twisting, or forced pulling.

2 Align

Adjust along the center
or edge line. Confirm
direction and straightness.

3 Confirm Seams

Edges must be straight.
Reserve welding space.

Unroll

Lay flat

Align

Baseline

Seams

Straight edges

Peel Liner

Remove now

Compact

Center out

Do not stretch while fixing. Lay flat naturally first, then compact from the center outward.

Release Liner: Remove It After Bonding

Correct Method

1. Remove promptly after bonding
2. Peel steadily and evenly
3. Compact edges and seams immediately

Prohibited Method

1. Do not leave liner under the roll
2. Do not replace liner handling with glue
3. Do not fix curled edges with glue

Risk: leaving the liner underneath affects material release and bonding stability, causing arching later.

Seam Preparation: Prepare Edges Before Welding



1. Both edges must be straight, with no jagged or frayed edges.
2. Compact the seam area before welding to avoid false welding.
3. Clean the gap before welding; remove dust and debris.

Double-Sided Welding: Weld Both Sides

1 Front Weld

Weld continuously along the seam.
Keep speed even and avoid gaps.

2 Back Check

Confirm the back seam position.
No contamination or debris.

3 Back Weld

Complete welding on the back.
Create a double-sided lock.

Front Weld

Material Seam

Back Weld

Acceptance: continuous, full welds with no cracks or missed welds on either side.

Compaction and Edging: Center Outward

Compaction

Compact from center to edges.
Repeat at seams, corners, and ends.
Keep roller pressure even.

01

Edge Handling

Trim along the edge line.
Keep the blade vertical.
Do not force-pull to align.
Check curling and gaps.

02

Cleaning

Remove welding residue.
Clean surface dust.
Avoid dragging hard objects.
Protect the site after completion.

03

Compaction is not a glue remedy. Rework if hollow areas or seam problems are found.

Final Inspection Checklist: Four Key Differences

Item	Inspection Content	Level
Liner	Release liner removed; no liner remains under the roll	Mandatory
Glue	No glue used, including localized touch-up gluing	Mandatory
Welding	Seams welded on both sides; welds continuous and full	Mandatory
Acclimation	No unnecessary 24-hour acclimation wait before installation	Verified
Appearance	Flat surface; no arching, curling, contamination, or knife marks	Mandatory