INSTALLATION GUIDE

RECYCLED RUBBER DUAL-LAYER — INSTALLATION GUIDE

Applies to: Studio Select, Studio Signature, Strength Select, and Strength Signature — Dual-Layer construction (field-built underlayment/base layer + separate wear/top layer)

SPORT PRO SURFACING

PRODUCT BASICS

- **Construction:** Two bonded layers — a base/underlayment layer for force reduction and sound control, topped with a separate wear layer in the selected grade and color.
- **Available thickness combinations (base + wear):**
  - **Studio (Select/Signature):** 8mm (4+4), 10mm (6+4), 12mm (8+4)
  - **Strength (Select/Signature):** 16mm (10+6), 18mm (10+8)
- **Roll width:** Nominal 48″
- **Roll length:** Semi-custom cut to length in 5-linear-foot increments, after a minimum 25-linear-foot roll length

01

SUBFLOOR PREPARATION

Subfloor requirements are the same as for single-layer rolled rubber, since the base layer bonds directly to the substrate:

1. **Confirm the substrate is suitable.** Fully cured concrete and wood are both acceptable.
2. **Get the surface smooth.** Any bumps, ridges, or debris left underneath will telegraph through both layers of the finished floor.
3. **Clean thoroughly.** Remove all dust, dirt, grease, and any other foreign material from the substrate.
4. **Address moisture before installing.** Moisture in the substrate compromises adhesive performance for the base layer bond — resolve it prior to installation, not around it.
5. **Use the recommended urethane rubber flooring and underlayment adhesive**, and don't mix it with any other adhesive. Refer to the adhesive manufacturer's product specs for coverage rate and trowel size.

02

ACCLIMATION & PRE-INSTALLATION INSPECTION

1. **Inspect both the base and wear-layer material before cutting** — check for manufacturing defects, correct color, and correct size. Once material is installed, it's considered accepted.
2. **Acclimate both layers for at least 24 hours.** Unroll or unpack each layer's rolls in a single direction and let them lie flat in the installation environment for a minimum of 24 hours before installation begins.

03

INSTALLATION PROCEDURE

The base and wear layers are installed in two sequential passes. **The key principle of a field-built dual-layer system is offsetting the seams between layers** — this is what gives the finished floor its clean, monolithic look and avoids a weak point where two seams stack directly on top of each other.

PASS 1 — BASE / UNDERLAYMENT LAYER

1. **Plan the layout** the same way as a single-layer install: start from the truest, straightest wall in the room and work outward, minimizing cuts and waste.
2. **Respect roll direction** if the base layer material has directional markings — keep all rolls oriented the same way.
3. **Cut to length**, leaving extra material to run up the wall as needed, and leave a small expansion gap at the perimeter (roughly equal to the combined finished thickness).
4. **Apply adhesive within its open time** and fully adhere the base layer to the substrate, following the same fold-back, spread, and lay-in method used for single-layer rolled rubber.
5. **Butt interior seams tightly using the factory edge.** Roll the entire base layer with a 75–100 lb floor roller to ensure full adhesive contact and eliminate trapped air.
6. **Allow the base layer adhesive to reach a firm set** before beginning the wear layer — follow the adhesive manufacturer's specified working/cure window.

PASS 2 — WEAR / TOP LAYER

1. **Start the wear layer's layout from a different reference line than the base layer** — typically offset by roughly half a roll width, so that no wear-layer seam falls directly above a base-layer seam.
2. **Follow the same cutting, adhesive application, and rolling method** as the base layer: fold back, spread adhesive within its open time, lay the material in gently to avoid trapping air, and roll immediately with a 75–100 lb floor roller.
3. **Double-cut any interior seams** where wear-layer rolls meet, for a tight, compression-fit joint.
4. **Roll all seams again once the full wear layer is down.** Do not use duct tape to hold seams during cure — it leaves a residue that's difficult to remove.
5. **Leave the same expansion gap at the walls** as used on the base layer, concealed later with cove base molding.
6. **Allow the adhesive to fully cure** per the adhesive manufacturer's recommended cure time before permitting foot traffic or rolling loads. Premature traffic can cause seam gaps to open up in either layer.