INSTALLATION GUIDE

VULCANIZED VIRGIN RUBBER RESERVE DUAL-LAYER — INSTALLATION GUIDE

Applies to: Studio Reserve and Strength Reserve — Dual-Layer construction (base layer + separate wear layer)

SPORT PRO SURFACING

PRODUCT BASICS

- **Construction:** Two bonded layers — a base layer for force reduction and sound control, topped with a vulcanized virgin rubber wear layer in the selected color.
- **Available thickness combinations (base + wear):**
  - **Studio Reserve:** 7.5mm (4 + 3.5), 9.5mm (6 + 3.5), 11.5mm (8 + 3.5)
  - **Strength Reserve:** 15.5mm (12 + 3.5), 18mm (12 + 6)
- **Roll width:** 4 ft
- **Roll length:** 50 ft

01

SUBFLOOR PREPARATION

1. **Confirm the substrate is suitable.** Fully cured concrete and wood are both acceptable.
2. **Get the surface smooth and level.** 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 the base layer's adhesive bond — resolve it prior to installation, not around it.
5. **Use an adhesive approved for vulcanized virgin rubber flooring**, and don't mix adhesive types. Confirm the specific adhesive and trowel size with your installer/adhesive supplier before starting.

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

As with the recycled rubber dual-layer system, **the base and wear layers are installed in two sequential passes with offset seams** — no wear-layer seam should land directly above a base-layer seam.

PASS 1 — BASE LAYER

1. **Plan the layout** starting from the truest, straightest wall in the room, working outward to minimize cuts and waste.
2. **Cut to length**, leaving a small expansion gap at the perimeter (roughly equal to the combined finished thickness).
3. **Apply adhesive within its open time** and fully adhere the base layer to the substrate, folding back half the roll, spreading adhesive, and laying the material in gently to avoid trapping air.
4. **Butt interior seams tightly using the factory edge**, then roll the entire base layer with a heavy floor roller to ensure full adhesive contact.
5. **Allow the base layer adhesive to reach a firm set** before beginning the wear layer, per the adhesive manufacturer's specified working/cure window.

PASS 2 — WEAR LAYER

1. **Offset the wear layer's starting line from the base layer** — typically by roughly half a roll width — so seams don't stack.
2. **Follow the same cutting, adhesive application, and rolling method** as the base layer.
3. **Double-cut any interior seams** for a tight, compression-fit joint, and roll all seams again once the full wear layer is down.
4. **Leave the same expansion gap at the walls** as used on the base layer, concealed later with cove base molding.
5. **Allow the adhesive to fully cure** before permitting foot traffic or rolling loads.