



Rebound NBA

Vinyl Court Floor Rolls

Installation & Maintenance

Installation

Tools

Personal protective equipment (PPE) – tape measure – straight edge – pencil – string line – utility knife with blades – scribing tool – thermo-hygrometer – 100-lb. three section roller – Infrared thermometer – trowel handle with FFA blades – seam cutter – camera phone.

Welding: Hot air welding gun with 4mm speed nozzle – automatic grooving machine / manual groover – Mozart trimming tool (and X-ACTO for flash covered welding).

Layout

Follow the detailed layout drawings provided, or agreed upon by the designer, architect or end user. Calculate and mark out your start lines using a string line, straight edge, and pencil.

Cut the rolls to the required lengths, allowing two extra inches, and allow the cuts to relax for at least ten (10) minutes. It is essential to ensure that rolls used in any one area are from the same manufacturing batch and laid side by side and not at 90 degrees.

Check the shade matches between each of the cuts or drops; it may be necessary to reverse direction to obtain a side shade match. If this is not possible, or if the flooring has any visible defects, do not install any flooring; contact Amarco Products Technical Department immediately.

Installation

First, ensure the area is clean using a Hepa filtered vacuum. Dry-lay (without adhesive) the flooring in the correct numeric sequence and position following your start lines while lapping up the wall at each end. Scribe or cut-in the sides to a snug-fit and overlap all seams by at least 1 inch. Trim off the top edge at each seam (about ½ inch) using an edge trimmer like the "Crain 340 Selvage Trimmer" or similar.

Trace cut the bottom sheet using a suitable trace cutter, vertical knife or use the under-scribed method and remove the excess by pulling it downwards (to remove any burr). The result must be that the sheets are fitted and laid precisely next to each other, without any gaps. Once the sheets are in position and trimmed, remove all trash (offcuts) and carefully pull back approximately half of each sheet (onto itself) to expose the substrate.

Adhesive Application

Use either wet-set or semi-dry adhesive, depending upon the porosity of the substrate. Apply using a 1/32 inch x 1/16 inch x 1/32 inch U-notched trowel (FFA). The adhesive must be applied at an angle of approximately 60° to the prepared substrate without voids or puddles. Do not make any sharp turns with the trowel to avoid an uneven application of the adhesive. Do not re-notch trowels; replace them as required.



- **Wet-set:** Providing the substrate is porous, and humidity levels are correct, the flooring may be correctly placed into the adhesive after approximately ten minutes of open time, depending on site conditions.
- **Semi-Wet:** When the substrate is non-porous, allow the adhesive to become dry to the touch, then immediately and correctly place the flooring into the adhesive. The timing will depend on the humidity levels and porosity of the substrate. Important: Install the flooring into the exposed adhesive within two (2) hours after it has become "Semi-dry" or "Dry-to-the-touch" and do not allow the adhesive to become contaminated with dust or anything else; if it does, remove the adhesive and apply fresh adhesive.

Carefully re-lay the flooring (without trapping air) into its correct position, making sure all seams have a knife blade gap (for heat welding), without pressure fitting. Roll the floor slowly using a three-section 100-lb roller in both directions (width then length) to remove any air pockets and ensure adhesive transfer. Remove any adhesive from the surface using a clean damp cloth; if fully cured then use 70% Isopropyl alcohol. Repeat these steps for the remainder of the floor. Once finished, roll the entire floor again, until no longer required.

Heat Welding

The seams must be welded using the heat weld method as defined in ASTM F1516 Standard Practice for Sealing Seams of Resilient Flooring Products by the Heat Weld Method. Practice on scrap material before welding the actual floor to become familiar with the products. Test seam strength by tugging at a length of welding rod. Weld rod should break before pulling away from the flooring.

Note: Heat welding must not be performed for 12 hours. Groove all of the seams manually or with a grooving machine approximately 1/16-inch deep by 1/8-inch wide. Weld using a hot air welding gun set between 482°F (250°C) and 662°F (350°C), using a 4mm weld rod speed nozzle. The temperature will vary depending on conditions and length of electrical cord.

Flash Coving

When Flash Coving, the "Boot" and "Butterfly" methods are both acceptable. All vertical seams must be heat welded

Maintenance Instructions

Precautions

Do not perform any wet maintenance procedures for 72 hours after the installation to allow the adhesive to cure.

Always post "wet floor" signs and/or "caution tape" when wet maintenance is going to be performed. Prohibit foot traffic until the floor is completely dry. Remove all metal objects prior to wetting the flooring. Follow facilities Standard Operating Procedures (SOP). All Safety Data Sheets and product label instructions must be read understood and followed prior to using the product.

Initial Cleaning (after installation)

Dust mop or vacuum the floor to remove dirt or grit.

Note: *This is the single most important maintenance activity for preserving the appearance and performance of the floor and is typically the most overlooked and omitted.*

Wet mop the entire floor using a suitable neutral cleaning solution. Allow the solution a dwell time of approximately 5 minutes. Scrub the flooring using a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a red pad. For small areas, a soft nylon broom and wet vacuum may also be used. Wet vacuum up the soiled solution. Rinse with clean water. Remove using a wet vacuum, and allow the floor to dry.

Daily Cleaning

Dust mop or vacuum the floor to remove dirt or grit and follow one of the following options:

1. Damp mop using a flat microfiber mop and a suitable neutral cleaning solution like Change the microfiber head often as required (after each patient room), and allow the floor to dry prior to use.
2. Large or heavily trafficked areas should use a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a red pad and a suitable neutral cleaning solution. Scrub and wet vacuum up the soiled solution. Rinse with clean water. Remove using a wet vacuum, and allow the floor to dry prior to use.

Deep Cleaning

This may be required when your routine cleaning is not meeting your expectations. Dust mop or vacuum the floor to remove dirt or grit.

Wet mop the entire floor using a suitable neutral cleaning solution. Allow the solution a dwell time of approximately 5 minutes. Scrub the flooring using a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a green pad. Wet vacuum up the soiled solution. Rinse with clean water. Remove using a wet vacuum, and allow the floor to dry.



Additional Information

Do not use dust mops treated with oils or silicones, acetone, strong alkaline cleaning agents, scouring powder, strong solvents, or abrasive cleaning pads, as these can damage the product.

Some materials are known to cause staining on vinyl floors. Typical examples include: asphalt and bitumen materials, cardboard/hardboard (wet), fire treatment and maintenance materials used on carpets could transfer to vinyl flooring and cause staining, dyes from printed literature or packaging, rubber-backed carpets and rubber mats, rubber furniture rests and wheels, shoe soles not made from non-staining materials, heat degradation, some chemicals used in cleaners e.g. pine oil.

Note: These instructions supersede any verbal or written instructions from Amarco Products representatives, and must be followed in order for the Rebound-NBA warranty to be in effect.