

Installation Guide

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Reference: Application of PVP SPORTMAT
rubber flooring – Fitness Gym Areas



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1. General on-site conditions:

- 1.1 Installation should not begin until all other trades have finished. If other trades are required to work after installation, the floor must be protected from damages using a suitable floor covering.
- 1.2 Substrate Surface:
 - Substrate surfaces made of asphalt, concrete, and poured screed are suitable surfaces
 - A gypsum-based surface, particleboard or chipboard is not suitable.
 - Areas where rubber flooring is to be installed shall be dry and clean with a minimum temperature of 15 °C (65 °F) at least 48 hours before, during and after installation.

2. Substrate requirements and conditions:

- 2.1 The substrate floor must be dry, clean and smooth with no dust, solvent, oil or grease, alkaline salts, old adhesive residues or other foreign materials. The subfloor should be cleaned mechanically by sanding or scraping to remove all traces of foreign debris.
- 2.2 Before installation begin, the floor must be level with no unevenness or bumps as these may reflect through to the final surface. If necessary, use a levelling agent or a liquid filler to even out the floor.
- 2.3 All cracks, control joints, and holes shall be filled with a liquid filler applied thick enough to give an even surface.. If this is not the case, do not proceed with the installation.
- 2.4 A primer (bonding agent) should be applied to the floor allowing for better adhesion.

3. Material storage and handling:

- 3.1 The material should be delivered to the job site in its original unopened packaging. The rubber flooring is delivered in rolls and should be stored on site for 1-2 days at room temperature between 15 °C and 25 °C before installation begin.
- 3.2 Before installation begin, inspect all materials for visual defects and verify the material (product type and quantity) onsite before. No labor claim will be honored on material installed with visual defects. Any discrepancies must be clarified before installation.

4. Installation procedure:

- 4.1. The fitness flooring is elastic by nature and the rolls are slightly stretched during the manufacturing process. 48 hours before installation, the rolls must be loosely rolled out to allow the material to relax and acclimatize to the room conditions. If required, shaking the material while rolling the elastic layer on the floor can help the relaxation process. All rolls must be installed in the same direction as shown in Diagram 1.

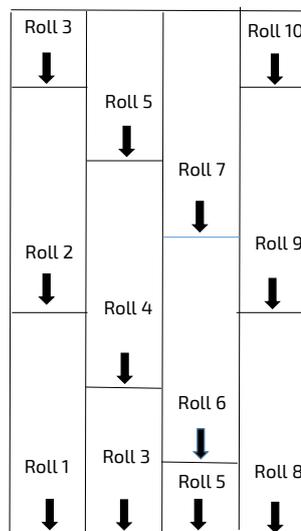


Diagram 1:

- 4.2 In order to obtain an even optical finish, mix the rolls from different pallets together during installation. Always place the rolls with the arrow marking pointing towards the installer on the underside of the flooring. **Do not turn the rolls over!**
- 4.3 Usually on installation sites, the walls are not square or straight so the installer must consider this before installation begin. Either start in the middle of a room using a pillar as the beginning and work outward or begin at a wall. In both cases, the the first roll must be positioned perfectly straight. With the aid of a chalk line, mark a straight edge starting line on the floor near the wall or pillar where work is to begin. The last roll must then be cut to size to account for the non-parallel wall.
- 4.4 Lay the rubber rolls on the floor in such a way that the number of edges is kept to a minimum.

- 4.6 Allow for the correct acclimatization period before installation begin.
- 4.7 Follow the instructions from the adhesive manufacturer for adhesive preparation. If a 2 component PUR adhesive is being used for the installation, mix the 2 components according to manufacturer instructions. Beginning at one end of the room, apply the adhesive evenly with a notched trowel recommended by the adhesive manufacturer over a small installation area. Use the adhesive in stages and only apply to the area that is being worked on. Temperature and humidity affect the curing time of the adhesive. The installer should monitor the on-site conditions and adjust the curing times accordingly.
- 4.8 After taking the setting time of the adhesive into consideration, roll out the bottom side of the rubber underlay into the adhesive bed. Ensure accurate installation and roll out straight. It is critical that the first roll be perfectly straight.
- 4.9 Roll out the material in the same direction every time and position the joining edges flush against one another. Ensure that there are no gaps between the adjacent pieces.
- 4.10 After placing the mat in the wet adhesive bed, apply contact pressure to the surface using a weighted roller. This is to eliminate closed air bubbles underneath the material and ensures proper adhesion.
- 4.11 Repeat these steps for each consecutive roll and floor section only working the area that can be managed in a set time frame.
- 4.12 In some cases, it may be necessary to weigh down a seam until the adhesive develops a firm set.
- 4.13 Keep traffic off the floor for a minimum of 24 hours. The floor should be free of rolling loads for at least 48-72 hours. Please note that foot traffic and rolling loads can cause permanent indentations or in the worst case result in debonding in the uncured adhesive bed.

For maintenance instructions please look at the maintenance manual.

Note:

Warranty does not cover dissatisfaction due to improper installation, normal wear and tear, damage from improper usage or general misuse including and without limitation: burns, cuts, tears, scratches, scuffs, damage from spiked shoes, damage from rolling loads, damage from cleaning products, slight shade variations or shade variations due to exposure to direct sunlight, or differences between samples/photographs and actual flooring.