



INSTALLATION GUIDE

SUNFLEX RECYCLED RUBBER PRODUCTS

→ Summary

A successful flooring installation is based upon proper preparation. Appropriate time should be allocated to guarantee that your sub-base is adequately prepared. For optimal results, concrete floors should be smooth and level. In the case of solid sub-floors, it is not necessary to adhere tiles to the sub-base, provided that they can be secured in position in appropriate areas that are bordered by suitable edge strips or walls to butt to (subject to the end use). The end use should be taken into account when determining the appropriate installation works. The tiles should not be installed over carpet. It is recommended that all tiles be installed in a masonry pattern whenever feasible. The recycled rubber tiles must be thoroughly adhered to the underlay and sub-base using the aromatic polyurethane adhesive that Sunflex rubber flooring recommends.

→ Required Tool

25' tape measure, 100-pound roller, stainless steel ruler, rubber mallet, utility knife with extra blades, knee pads, protective eyewear, chalk line, safety shoes, safety hand gloves, cloths, rubbing alcohol / or water, other tools, materials may be necessary based on the scope of the application.

→ Subfloor, Underlayment Requirements and Preparations

- **01.** Inspection of all substrates, subfloors, and underlayment is mandatory prior to installation. In order to prevent Sunflex recycled rubber flooring from having performance irregularities, they must be level and seamless. The substructure manufacturer's recommendations and requirements must be adhered to, and the surface must satisfy the standards of ACI 117R.
- **02.** Particleboard, Chipboard, Masonite and Luan/Lauan are not suitable subfloors.
- **03.** Concrete subfloors need to be completely cured and thoroughly dry. According to ASTM F710, it is essential that the subfloor is completely devoid of dust, solvents, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue, and any other unnecessary materials. To prevent flooring issues caused by moisture, ensure you test the concrete or similar materials for moisture levels prior to installation, following the guidelines set by ASTM F-1869.

→ Handling and Storage

- **01.** Sunflex recycled rubber flooring should be delivered to the job site in its original, unopened packaging with all labels intact and stored appropriately to prevent damage.
- **02.** Inspect all inventory for visual defects before gluing the product to the subfloor.
- **03.** Any adhesive must be acclimated at room temperature (65F to 75F, 18C to 24C) with a relative humidity of 50% for a minimum of 24 hours, preferably 72 hours, before commencing the installation.
- **04.** In rooms that are exposed to direct sunlight, cover the windows where the direct sunlight permeates to protect the flooring during the conditioning, installation and curing periods.
- **05.** Remove all traces of old adhesives, paint or other debris by scraping, sanding or scarifying the substrate. Do not use solvents.
- **06.** Grind all high spots until level and fill low spots with an approved patching/level compound. Allow patching/level compound to dry thoroughly.
- **07.** All saw cuts (control joints), cracks, indentations and other non-moving joints in the concrete must be filled with an approved patching/level compound. Allow patching/level material to dry thoroughly.

→ Installation guide for Sunflex Standard Rubber Tiles

- **Step 1:** After preparing the subfloor, begin by determining your starting point. Lay out a row of loose tiles horizontally at the front entry point of the area. Align yourselves in a straight line across the room, aiming to move horizontally backward towards the back of the space. The initial row of tiles must be the first one that people step onto. Ensure that their position is adjusted to create evenly spaced gaps at the walls, while taking care to avoid creating narrow slivers. The initial row of tiles must be either completely adhered or, for loose lays, secured along the front leading edge with glue or held in place using suitable nails (which should be removed post-installation). Alternatively, a protective aluminium or timber strip can be used to maintain the position of the front row of tiles while the rest are being installed. The ramp edging serves to secure the placement of the front row of tiles.
- **Step 2:** Position the next row of tiles horizontally, ensuring it is offset to create a stretch bond pattern, similar to a brick layout. For loose lay installations, make sure to press firmly against the first complete row of tiles and trim at the walls by at least 10mm or more, depending on the length of the run, to create a tight fit that reduces horizontal directional force. Proceed to lay the material horizontally across the room in a stretch bond pattern until the entire floor is finished, applying the adhesive as you progress for a fully adhered application. Make sure the tiles are closely aligned and trimmed along the back wall to minimise vertical force, ensuring a snug fit for loose laying.
- **Step 3:** To mark tiles for cutting, when the walls are square, position the tile against the wall and slide it beneath the adjacent tile that has already been laid. The top tile's edge serves as the guide for your cutting line. Utilise a straight edge and carefully cut along the line with a sharp Stanley knife to achieve a snug fit that reduces force requirements. Affix the cut tile, ensuring the cut edge is aligned with the wall. When the walls or cut requirements aren't square, just measure from the installed tile to the wall and mark the tile for cutting accordingly. Be sure to cut the tiles generously for a perfect fit. In loose lay installations, for high-traffic areas or extreme usage, it is essential to fully adhere the tiles to the sub-base.

→ Installation guide for Sunflex Interlocking Rubber Tiles

- **Step 1:** Start by positioning the interlocking tiles at the centre of your room layout, then proceed outward towards the edges.
- **Step 2:** When installing wall-to-wall, ensure you cut the tiles to achieve a perfect fit. When you encounter a wall where a full tile won't fit, take a measurement of the space between the wall and the tiles you've already installed. Be sure to subtract 1/8 to 1/4 inch to allow for expansion. Indicate the distance on the tile you wish to cut and align a straight edge with the mark.
- **Step 3:** With a precise utility knife in hand, adhere to the straight edge guide and make a series of shallow scores on the rubber tiles to ensure a clean, crisp edge. Remember, with the universal interlock, you might find opportunities to utilise scraps for smaller sections. A useful technique is to position a 2x4 board beneath the cut, which helps to widen the cut seam for subsequent passes. Push your tiles into place. Interlocking tile do not require adhesive.

→ Installation Videos

Sunflex
Interlocking
Rubber Tiles



Sunflex
Easy-Lock
Rubber Tiles



Sunflex
Pin-Connector
Rubber Tiles



Disclaimer

We have provided the installation instructions contained herein to the best of our knowledge. This information is provided without any warranty or liability for merchantability or fitness for a specific purpose. Due to the diverse range of materials, substrates, and site conditions, it is not possible to provide a guarantee for specific outcomes. Please note that the following information should be taken as general advice and not as legally binding recommendations. We provide expert advice on the application, installation guide and end use of Sunflex rubber flooring products, drawing from our extensive knowledge and experience. It is the installer's obligation to check for any defects before any products are installed, claims will not be warranted for any visual defects after installation. Application, use and interpretation of these instructions are beyond our control and thus full installation responsibility falls exclusive with the installer.

www.sunflexrubberflooring.com



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Recycled Rubber



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