

TURNING POINT

FLOORING & KITCHEN

Premium Rigid Core (PRC) Installation Guide

Your new PRC is the latest in high-quality resilient flooring, featuring a unique interlocking-edge design for easy installation. Follow these steps for a quick and straightforward installation process. The wear layer is enhanced with millions of ceramic microspheres, providing exceptional durability and resistance.

Tools and Materials Needed:

- Utility knife & straight edge
- Measuring tape
- Shears for cutting around irregular shaped objects
- 1/8" spacers
- Transition moldings and baseboards

Tricks for Measuring:

Measure the room's length and width to calculate the square footage. Measure alcoves or offsets separately. Purchase at least 10% extra to account for waste, trimming, and future replacements.

Note: If using multiple run numbers, install planks from 4 or 5 different cases to minimize shade variations. Warranty covers material replacement only, excluding labor.

Caution: Do not install PRC over carpet or regular underlayment. Use an approved underlayment like Ultra Fold. Avoid outdoor use, sunrooms, solariums, or saunas as SPC may warp with excessive heat or shrink with excessive cold. Install in temperature-controlled environments. Prolonged direct sunlight exposure can cause floor expansion damage. While we maintain strict quality control, inspect all planks for uniform appearance before installation.

Before Installation:

Place the PRC horizontally in the room where it will be installed. The room should maintain a temperature between 18°C and 22°C for 48 hours before and during installation. Do not remove the planks from the box during this acclimation period.

Subfloor Preparation and Installation:

Ensure the subfloor surface is smooth, dry, clean, and structurally sound. Remove any adhesive residue for proper installation. The subfloor must be flat within a tolerance of 1/8" (3mm); sand or use a floor leveler to address folds or humps that could hinder proper locking of the PRC.

While PRC is waterproof, any moisture issues (below 35% or above 60%) must be corrected before installation. New concrete floors should cure for at least 60 days.

For installations on cement floors on the first level, apply a 0.6mm polyethylene sheet to seal the joints and prevent moisture seepage, which can affect the flooring surface.

Installation:

- Begin installation from a corner with the tongue facing away from the wall. Maintain a minimum gap of 3/8" (10mm) around the perimeter for product expansion; transition moldings or baseboards will cover this gap.
- Lay the first row in a straight line, interlocking the short ends by inserting the tongue into the grooves at a 15 to 20-degree angle. Install each plank sequentially along the short end (5.75"), ensuring even alignment with spacers to maintain the minimum gap.
- Keep seams tight between planks. Audibly and tactically confirm the click to ensure a snug seam; there should be no visible gaps. If seams are not tight, disengage and retry immediately.
- Stagger rows to avoid straight, uniform seams along short edges for a more secure installation.
- For the second row and subsequent ones, measure and mark planks, score with a utility knife and straight edge, then snap them into place.
- Interlock the first plank of the second row again at a 15-20 degree angle. For subsequent planks, interlock the short side first, leaving it slightly away from the long side, then slide it into place on the long side using the same method. Begin the third row with the last plank left over from the previous row.
- Fitting around irregular objects is straightforward with our PRC. Create a template from heavy paper to fit around pipes or irregular shapes. Place the template on the plank, trace the outline, and cut along the traced lines using a utility knife or heavy-duty scissors. Ensure to leave expansion gaps along each wall.
- Room humidity can vary with seasons, requiring your PRC floor to expand and contract in all directions. This expansion can be up to 2mm per meter (1/12 in. per 3.28 ft.). Therefore, provide an 8-12 mm (5/16 in. - 3/8 in.) expansion gap at all walls. Gaps should also be left around pipes, thresholds, or obstacles. For rooms up to 25 ft. (7.6m) wide and 40 ft. (12.2m) long, allow 5/16 in. to 3/8 in. (8mm-12mm) for expansion along each wall. For larger rooms, or where adjoining areas have different flooring, additional expansion joints are necessary. Use a T-molding to cover these joints. Although designed for floating installation, PRC planks can also be glued if desired.