

Preparation & Planning for WPC Flooring

Your Guide to a Durable and Worry-Free Installation

WPC (Wood Plastic Composite) flooring is renowned for its superior durability, water resistance, and stability. Proper preparation ensures you get the most out of these benefits for a flawless and long-lasting floor.

Phase 1: Acclimation & Environmental Setup

1. Acclimate Your Flooring (Recommended)

- **What to do:** Bring the boxes of WPC flooring into the installation room.
- **Why it matters:** While WPC is highly dimensionally stable, acclimation allows the planks to adjust to the room's conditions, ensuring optimal performance.
- **Duration: At least 24-48 hours.** Maintain a stable room temperature above **65°F**.

2. Check the Room Environment

- WPC is perfect for most rooms in the home, including areas with potential moisture like kitchens and basements. However, the installation environment should be climate-controlled.

Phase 2: Subfloor Preparation (The Key to Perfection)

Even the most robust WPC floor requires a proper base. The subfloor must be:

- **Clean:** Free of all dust, grease, wax, and any debris. Vacuum and mop thoroughly.
- **Dry:** Although WPC is water-resistant, the subfloor must be dry. For concrete subfloors, a moisture test is still a good practice.
- **Flat/Level:** This is critical. The subfloor must be flat. Variations must not exceed 3mm over a 1-meter span. Use a leveling compound to fill any low spots and sand down high spots.
- **Structurally Sound:** Firm and free of movement or squeaks.

Phase 3: Layout Planning

1. Choose the Installation Direction

- For the best aesthetic, install the planks parallel to the main source of natural light or the longest wall in the room.

2. Plan the Expansion Gap

- Leave a **5/16" - 1/2" (8-12mm) expansion gap** around all walls, door frames, and fixed objects. Use spacers to maintain this gap consistently.

3. Stagger the Planks

- Stagger end joints in adjacent rows by a minimum of **12 inches (30cm)** for a natural look and structural integrity.

Important Note: Always refer to the specific installation and warranty instructions provided by your WPC flooring manufacturer. Adhering to their guidelines is essential for your warranty to remain valid.