



SPC FLOORING

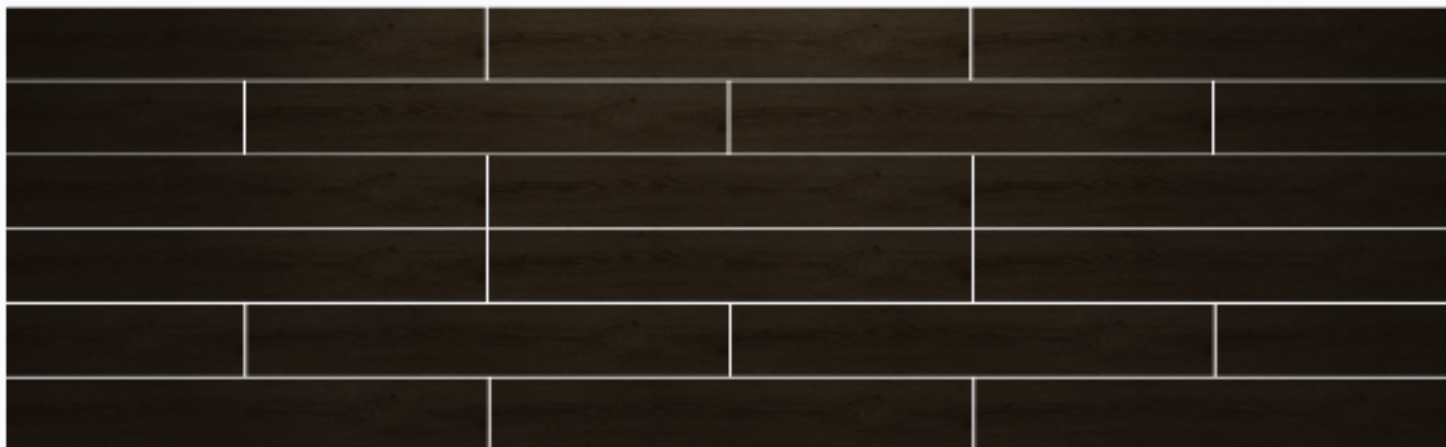
TECHNICAL DOCUMENTATION

EXTENDED TECHNICAL MANUAL

Uso, Mantenimiento y Conservación de Pavimentos SPC – KARVORA

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100% WATERPROOF

CLICK SYSTEM

EXTENDED TECHNICAL MANUAL

USE, MAINTENANCE AND CARE OF SPC FLOORING – KARVORA**

1. General Environmental Conditions

SPC (Stone Polymer Composite) flooring is intended exclusively for indoor environments. To ensure dimensional stability and long-term performance, the following conditions must be maintained:

- **Ambient temperature:** 5°C to 35°C
- **Relative humidity:** 40% to 65%
- **Thermal variations:** avoid sudden temperature changes
- **Solar exposure:** limit direct sunlight using curtains, blinds or UV filters

These conditions must be respected **before, during and after** installation.

2. Pre-Installation and Post-Installation Requirements

2.1. Before installation

- Ensure the building is closed, dry and free from rising moisture.
- Verify that the subfloor is level, stable and dry.
- Allow the flooring to acclimate in the installation area for 24–48 hours.

2.2. After installation

- Protect the flooring with breathable coverings until construction work is completed.
- Avoid walking with outdoor footwear, especially if wet or abrasive.
- Do not place heavy furniture during the first 24 hours.

3. Compatibility with Heating Systems

SPC flooring is compatible with **water-based underfloor heating systems**. Electric radiant heating is not recommended due to rapid thermal cycles.

3.1. Thermal limits

- Maximum floor surface temperature: **27°C**
- Maximum daily temperature increase: **5°C**
- Avoid placing hot objects directly on the floor.

3.2. Start-up procedure

- Increase temperature gradually after installation.
- Maintain stable heating cycles to prevent excessive expansion.

4. Static Loads, Dynamic Loads and Furniture

4.1. Furniture

- Do not drag heavy furniture.
- Furniture legs must be wide (minimum 2.5 cm / 1 inch), non-pigmented hard plastic and flat.
- Use non-staining felt pads; avoid soft rubber pads.

4.2. Chairs with wheels

- Use **W-type** soft wheels suitable for vinyl flooring.
- Place protective mats in high-use areas.
- Clean or replace wheels periodically.

4.3. Heavy loads

- Avoid extremely heavy furniture that may cause permanent indentations.
- Do not screw or anchor decorative elements into the flooring.

5. Cleaning and Periodic Maintenance

5.1. Daily or frequent cleaning

- Sweep or vacuum with a soft brush.
- Avoid vacuum cleaners with aggressive rotating brushes.

5.2. Weekly cleaning

- Damp cloth with clean water.
- Use vinyl-specific cleaners following manufacturer instructions.
- Avoid excessive product to prevent dulling residue.

5.3. Prohibited

- Steam cleaners
- Wax, polishers, bleach
- Abrasive detergents
- Strong solvents

6. Stain Treatment and Spills

6.1. Liquid spills

- Clean immediately to prevent joint infiltration.
- Use a clean white cloth.

6.2. Persistent stains

- Gently scrape sticky residues with a non-sharp tool.
- Apply intensive household cleaner for max. 15 minutes.
- Scrub with soft pad or brush in circular motions.
- Rinse and dry thoroughly.

7. Common Mistakes to Avoid

- Direct sunlight without protection
- Electric radiant heating
- Dragging furniture
- Abrasive products or metal tools
- Installation in outdoor or permanently humid areas
- Rubber-backed mats

8. Frequent Issues and Solutions

Issue	Likely Cause	Recommended Solution
Discoloration	Direct sunlight	Install UV protection
Scratches	Sand, gravel, unprotected legs	Use mats and felt pads
Dull surface	Excess cleaner	Rinse with clean water
Joint lifting	Moisture or expansion	Check environmental conditions
Wheel marks	Inappropriate wheels	Replace with W-type wheels

9. Service Life and Influencing Factors

La durabilidad del pavimento SPC depende de:

- Stable environmental conditions
- Proper maintenance
- Protection against impact and abrasion
- Moisture control
- Use of compatible cleaning products

With proper maintenance and stable environmental conditions, SPC flooring can exceed 15–20 years in residential use.

