FloorStore Direct
Online Flooring

QUICK STEP CASCADA INSTALLATION GUIDE

STRICTLY CHECK THE MANUFACTURER'S INSTRUCTIONS IN EVERY BOX BEFORE INSTALLATION

This comprehensive guide details the professional installation standards for **Quick Step Cascada** flooring. Following these instructions ensures the structural integrity and aesthetic longevity of your floor.

ATTENTION: UNDERFLOOR HEATING SYSTEMS MUST BE FULLY COMMISSIONED BEFORE INSTALLATION

The heating system must be **switched off for 48 hours prior to installation** and remain off during the process.

1. SUBFLOOR PREPARATION: THE UZIN PROFESSIONAL SYSTEM

All subfloors must be **free from laitance, clean, dry, and smooth.** Any contamination will compromise the installation.

Mandatory Laitance Removal

Laitance is the weak layer on top of new screeds. **Mechanical removal via sanding or grinding is mandatory.** Primers and adhesives will not bond to laitance, leading to floor failure.

Damp Proof Membranes (DPM) & Moisture Control

Residual moisture is the leading cause of floor failure. We exclusively advise the use of **Uzin** moisture control systems to provide a permanent barrier against vapour.

- **Uzin PE 404:** A high-performance 1-component polyurethane moisture barrier for cementitious screeds. It penetrates deeply into the substrate, blocking residual moisture while consolidating the surface.
- **Uzin PE 480:** A 2-component epoxy resin moisture barrier designed for extreme moisture levels (up to 90% RH). It creates a structural, permanent seal.

Professional Priming (Mandatory)

Priming is an essential step to bind residual micro-dust and regulate subfloor suction, ensuring that subsequent prep materials and adhesives achieve a full mechanical bond.

- **Uzin PE 360 Plus:** A rapid-drying, high-penetration primer for absorbent cementitious substrates.
- **Uzin PE 280:** A carbon-filled, film-forming primer for non-absorbent surfaces. Its textured finish provides a superior "key" for smoothing compounds.

Smoothing & Leveling Compounds

To ensure a flat substrate for engineered planks, use specialized compounds:

- **Uzin NC 151:** Standard smoothing compound for cement screeds.
- **Uzin NC 196:** Fibre-reinforced compound for high-tension areas.
  Note: Over plywood, **Uzin NC 196** is the only compound we recommend. Its fibre reinforcement allows it to withstand the micro-movements of timber substrates.

2. MOISTURE CONTENT STANDARDS

Moisture testing is mandatory. The following standards must be met before installation:

SUBFLOOR TYPE	MAX RH LIMIT	MAX CM MOISTURE LEVEL
Concrete / Cementitious	75% RH	**3.5% CM**
Anhydrite (Calcium Sulphate)	75% RH	0.5% CM
Timber Subfloors	Must be within 2% of the flooring moisture content	

3. INSTALLATION METHODS

Method A: Glue Down Installation

We recommend a full-spread bond using **Pallmann P4 Adhesive**. This provides the most stable bond and minimizes impact noise. Maintain a 10-12mm expansion gap at all walls, radiator pipes, and door frames.

Method B: Floating Installation

Joint boards over underlay based on heating requirements:

- **No UFH:** Use **Acoustic Rubber Underlay** for maximum noise reduction.
- **With UFH:** Use **Thermalay** or **Acoustica Bronze** to facilitate efficient heat transfer.

CRITICAL RESTRICTION: NO FIXED WEIGHTS

For floating installations, the floor must be allowed to move as a single unit. **You cannot have any fixed weights, such as kitchens or heavy islands, fixed directly**

to or through the floor. Fixing these items "pins" the floor in place, preventing natural expansion and contraction.