

# GLOBALFLOR® CAROLINA [V2.0]

## HOMOGENEOUS FLOORING INSTALLATION INSTRUCTIONS

### 1. Subfloor inspection, fix and strength

Warning: Subfloor inspection is the responsibility of the installer. It protects yourself against claims and technical problems.

The installer needs to carry out all necessary subfloor tests prior to flooring installation, and ensure the unqualified subfloor can be repaired, to meet the install requirement. If the customer refuse to repair the defect of subfloor, the installer should refuse to continue installation.

The time to repair the flooring system must be quite more than repair the subfloor!

The subfloor must be clean, hard, flat (height difference between each two meters must be less than 2mm) and free from all types of marks, debris and residues (oil paint, dyestuff, wax...), and not exposed to humidity. Long handled scraper knife, polisher and dust collector are very important tools.



Warning: Without the agreement from designer, don't fill any fix materials such as double component polyurethane

repair adhesive and stainless-steel bar in any expansion joint.

Please refer to your local building material installation standards for detailed rules and control methods.

- Underfloor heating should stop from min. 48 hours before installation and maintain the temperature in the room with an alternative heating source. Remain turned off for 6~7 days and then ramped up.



- Primer is used before self-leveling cement, to close the pore and crack on subfloor, reduce the absorptive character, at the same time, it can increase the adhesive ability between subfloor and adhesive.

Warning: Choose suitable primer according to absorbent subfloor and non-absorbent subfloor.

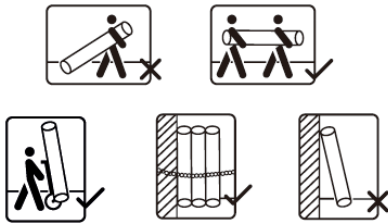
- Use self-leveling to ensure the subfloor is flat and strengthen enough before install vinyl flooring. Inspect the flatness again and make sure the height difference is less than 2mm. After coating self-leveling, please use long tine spiked roller to move the inside air bubbles.

Warning: Primer and self-leveling cement should be

used according to their official instructions.

## 2. Before installation

Here are correct methods to carry and store any roll type vinyl flooring, no matter it is in your warehouse or at construction site. Please store all the rolls upright in a safe position to avoid any damage.



Vinyl flooring is easily affected by construction site conditions. Before laying, make the flooring materials adapt to construction site conditions. Temperature should reach at least 15°C, the relative air humidity should be 30%~60%. Rolls must be stored indoors at least 24 hours before installation, preferably 48 hours.



If construction site conditions are allowed, the installer needs to clean the subfloor and pave an effective damp proof membrane. Open flooring rolls package until fully spread, stack the pieces in one pile till the edge of flooring is completely flat.

Installation should be carried out at room temperature between 18°C~26°C. Subfloor temperature must be at least 15°C. The relative air humidity should be 35%~65%. Keep same temperature at least 72 hours after installation.

If the materials from several rolls are used, supplier

should make sure they have the same production batch number and be used in consecutive order. If supplier must dispatch the rolls with different production batches, to avoid color differences, the installer should use them in different floors, different rooms or different areas.

## 3. Flooring installation

Cut the sheets to length and lay them out to acclimatize and relax prior to installation.

Sheet must be installed so that color differences are avoided. Reverse sheets whenever possible, overlap and cut edges.

Use recommended spatula to spread adhesive. Globalfloor provides 050 environmentally friendly commercial floor covering adhesive for the installation.

## 4. Edge

To avoid bacteria breeding and achieve dust prevention, the sheet flooring can be installed up to the wall. (Instead of skirting directly)

## 5. Welding

Do not weld until the adhesive has bonded completely, wait 24h~48h.

The hot welding joints are grooved to about 2/3 of the thickness using a U-shape hand grooving tool or automatic machine prior to welding. Welded seams must cool to room temperature before trimming in two steps, rough and fine trimming.



• Cold welding solution is suitable for installation if the designer requires seamless joints.