

INSTALLATION – USE & MAINTENANCE INSTRUCTION FOR

PERFORMANCE 70

Loose Lay Tile & Plank

1. General information & instructions

1.1 General Information

Thank you for buying one of our products and we hope that it will give you complete satisfaction. For optimal esthetics and longevity of the Green-Flor[®] modular resilient flooring, type Performance 70 Loose Lay Plank or Tile, a basic set of requirements must be met. Therefore please conserve these instructions along with your purchase receipt and carefully read the instructions allowing you to properly install and maintain the floor.

1.2 At purchasing your floor

Please check that all the packages are having the same batch number. It is generally recommended to buy 10% extra floor covering which will allow you to compensate for mistakes and cut offs.

1.3 Use and suitability of product



Suitable for
bathroom floors



Suitable for
kitchen floors



Suitable for
underheated floors



Unsuitable for
showers

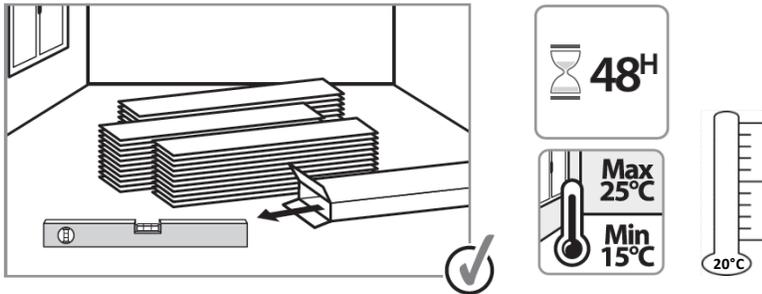
- The product is intended for an indoor use only and is therefore not fit for non-insulated rooms.
- The product is unsuitable to install in very humid places like showers. On the contrary the floor is suitable to install in any other room including e.g. kitchens.
- The product is fit to install in combination with underfloor heating and/or cooling.
- During periods of hot weather, you are advised to obscure your window/ roof window in order to prevent the product from expanding.
- In the case of an installation in a conservatory or in any other room which cannot be protected and is therefore exposed to excessive direct sunlight, bonding the product with regular modular resilient flooring permanent glues becomes necessary. A common dispersion glue is then recommended. An adhesive advice can be found with your local adhesive supplier.

1.4 Temperature & Humidity



- During installation, the temperature in the room where the floor is to be installed, should be between minimum 15°C and maximum 25°C. It is however recommended to have the temperature at 20°C.
- The subfloor temperature itself must be in any case ≥ 15 ° C.
- The temperature of use after installation should be minimum 15°C and maximum 30°C.
- The relative humidity in the room should not exceed 70% during and after installation.

1.5 Storage and product acclimatization



During transport and storage, it must be ensured that the cartons are flat and uniformly stacked. Prior to the installation at site, unpack the product from its carton and store them again flat and uniformly stacked in the relevant space 48 hours before installation at the recommended temperature of **20°C**. This temperature must equally be maintained for 24 hours after the installation is completed.

1.6 Floor heating



The product is compatible with underfloor heating- and/or cooling. The maximum allowed temperature at all points in the floor is 28 ° C. The heating or cooling should be turned off 48 hours before the subfloor preparation and/or installation-laying of the floor takes place and remain off until at least 48 hours after the installation is completed. To again turn on the heating or cooling, the temperature can be changed in 5 to 7 days, with only a few degrees per day until the desired temperature is reached.

2. Preparation of the subfloor.

2.1 General information

The Green-Flor® Performance 70, can be installed on various surfaces, provided that certain conditions are met. The surface must be level, flat, dry and free for rising damp, smooth, clean, hard, firm, free of cracks, joints and other irregularities as well as completely dust free and normally porous. The substrate should not be contaminated with paint, oil, grease, gypsum, or other substances which may have an influence on the floor. The flatness and drought are to be measured with the aid of suitable equipment. For flatness the variation on a 2 meter span should be ≤ 5 mm. For the appropriate level of drought of concrete subfloors in (new) construction, the drying time is 15 days/ cm thick. Hence a new concrete floor must be completely dry and clean; although the loose lay product Performance 70 is insensitive to water, excessive moisture may be generating mold and fungi.

Never install the products over the so-called expansion joints of the building without additional measures. Think about the possibility of using special profiles for this.

If installation requirements in above general information are not met, a direct installation of the product is not possible and consequently please proceed with a preparation of the subfloor according to the different types of sub- and under floors as given below.

2.2 Preparation of the subfloor

Type of floor

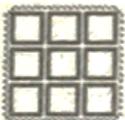
A. Concrete/ cement subfloor



B. Flat/ smooth tiles with tight joints



C. - Flat/ smooth cement tiles - Tiles with non-tight joints



D. - Carpet

- Natural fibre floor textile (ex. Sisal, seagrass etc)
- PVC vinyl floor
- Linoleum
- Or any other soft flooring



E. Floating floorings like:

- Multi layer veneer-, wood parquet
- Laminate flooring



To be done before installing the floor

Depending on the level/ flatness and porosity of the subfloor,

- ① Add renovation primer and if necessary:
- ② Apply screed for smoothing the surface followed by sanding and making the subfloor dust free.

- ① Check stability of tiles.
- ② Fill in and smooth the joints between the tiles.
- ③ Depending on the level/flatness of the floor, tile and porosity of it, also:
 1. Add renovation primer and if necessary
 2. Apply screed for smoothing the surface followed by sanding and making the subfloor dust free.

- ① Check stability of tiles.
- ② Fill-up the joints between the tiles with the appropriate specialized products followed by sanding and making the subfloor dust free.
- ③ Depending on the level/flatness of the floor, tile and porosity of it, also:
 1. Add renovation primer and if necessary
 2. Apply screed for smoothing the surface followed by sanding and making the subfloor dust free.

- ① Remove the existing flooring
- ② Scrape/ remove the glue
- ③ Apply renovation primer
- ④ Depending on the level/flatness of the floor also: apply screed for smoothing the surface followed by sanding and making the subfloor dust free.

- ① Remove the existing flooring
- ② Apply renovation primer
- ③ Depending on the level/flatness of the floor also: apply screed for smoothing the surface followed by sanding and making the subfloor dust free.

F. - Nailed or glued wood parquet

- Nailed or glued wood based panels



- ① Check the stability of the strips or panels
- ② Sand the surface, followed by making the floor dust free
- ③ Apply renovation primer
- ④ Depending on the level/flatness of the floor also:
apply screed for smoothing the surface followed by
sanding and making the subfloor dust free.

***In case of using renovation primer and/or fillers and screed,
please follow the manufacturers' instructions carefully as
well as the drying times.***

***The underfloor heating or cooling should be turned off 48
hours before preparation of the subfloor.***

3.Installation/ Laying of floor

3.1 Before installation/ laying the floor

- Prepare the necessary tools: aluminum angle square, ruler, craft knife with straight blade, protection gloves.
- Unpack the product from its carton and store them flat and uniformly stacked in the relevant space 48 hours before installation, at the recommended temperature of 20°C.
- The underfloor heating or cooling should be turned off 48 hours before installation.

Attention: It is necessary to examine the material prior to its installation in order to avoid visual disorder and to make a good mix of the different shades securing a natural genuine look of the wood design.

In case any defaults are noticed in the appearance of the product, we ask you to contact us and not to start the installation without our consent.

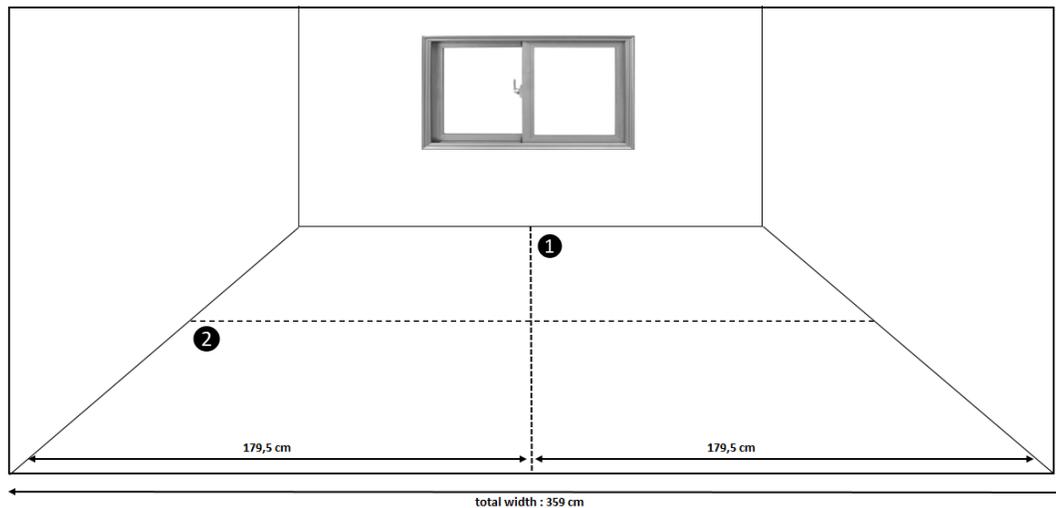
3.2 Laying of the floor

A. General

- The anti-slip backing of the product allows an installation without the use of adhesives, whereas for convenience the first row of products installed could eventually be provided with a tackifier.
- However, in the case of the smooth and slippery surface/subfloor, an area > 30 m² and / or a high traffic area, it is recommended to use a tackifier product (e.g. Bostik Adesitech; Cegecol Cege 100 CCA): please consult and respect the supplier's instructions and in particular the 'open time' which is in function of temperature, ambient humidity, the porosity of the subfloor and the applied quantity of adhesive.
- In the case of an installation in a conservatory or in any other room exposed to excessive direct sunlight, bonding the product with regular modular resilient flooring permanent glues becomes necessary (e.g. Bostik Power Elastik; Uzin 2000S).
- The installation can be done from wall to wall, installing the product tight against the wall without expansion gap. However, if temperature in the room will variate constantly towards the extremities of the indicated required room temperature of 15 -30°C then an expansion gap of 5 mm between the tiles/planks and the peripheral walls is advised and consequently a tackifier product should be used for the whole row of products which are directly against the wall.

B. Make tracing-guiding lines and start installation/ laying.

① Trace the perpendicular line/ middle axis of the room



In case of plank installation trace line ①

In case of tile installation trace line ① and line ②

② Installing the product

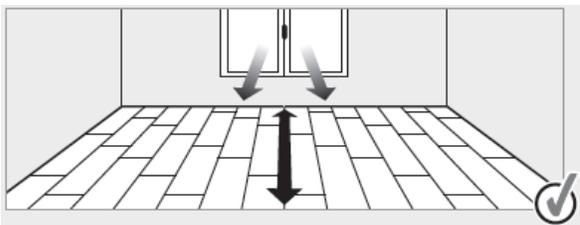
A). Principle of installation for tile:

The tiles can be laid in opposite direction (usual) or in the same direction. In case installed in the same direction (see also arrow at the backing of the product) it will prevent visual differences in matt / shiny effects whereas it will increase slightly the visibility of the joints.

Once a direction has been chosen, it must be applied for the total installation.

Now place the first row of tiles along the axis perpendicular to the door starting from the middle towards both sides. The following tiles/rows are to be placed against the first row.

B). Principle of installation for plank:



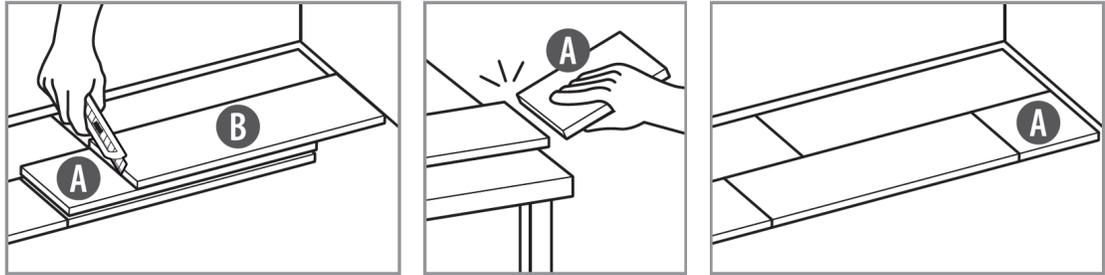
- It is advisable that the planks should run lengthwise against the longest wall, and if possible, parallel to incoming sunlight.
- Divide the room/surface into two parts by an perpendicular axis to the main access/door of the room;
- Lay down the first plank and then progress along the perpendicular axis;
- The first plank of the second row should be shifted by one third in the lateral direction of the length of the plank in the first row, in order to obtain an alignment of end joints every 3 rows. This solution is preferable over shifting at half of the first plank, giving the result that the end joints are aligned every 2 rows and therefore being less aesthetic. Of course random shifting of the planks is up to your discretion.

③. Making cuts

A. General

- Use a craft knife with a straight blade;
- Using a metal ruler or other tile / plank, for making a first incision on the side of the design. This first incision has to pass through the wear layer and the decorative film;
- Fold the tile / plank along this first cut at 90 °;
- Conduct now a second incision through the backing of the product.

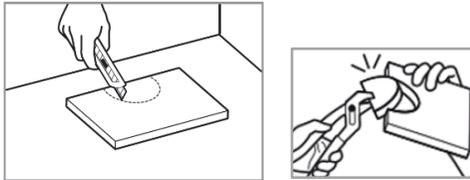
B. To make straight cuts at the side of the peripheral walls



Make the cut by taking 2 planks. Lay the 1st plank A on top of the last plank laid. Place the 2nd plank B on top of this. (making sure that this plank B is at a distance of 5 mm from the wall in the case an expansion gap was necessary in this installation).

Use plank B as a ruler and make the cut with the craft knife. Then fold it several times so that it cuts easily. Finally lay plank A in place. This method works for the width but also length direction of the plank.

C. To make irregular cuts



Trace them onto a sheet of paper and cut them out. Place the shape over the plank(s). Cut them with a craft knife and then fold it back several times with pliers so that it cuts easily or eventually use a jig saw if necessary. Finally lay the plank in place by pressing firmly down, working from the center to the outer edge of the plank.

3.3 Eventual measurements for installation in special places.

As indicated earlier, in the case of an installation in a conservatory or in any other room which cannot be protected and is therefore exposed to excessive direct sunlight, bonding the product with regular modular resilient flooring permanent glues becomes necessary. A common dispersion glue is then recommended. An adhesive advice can be found with your local adhesive supplier.

After installation, the floor should be rolled with a three-segment 70kg roller for optimum adhesion and adhesive distribution. Avoid during laying, direct sunlight on your adhesive. During and at least 24 hours after installation, there may be no traffic on the floor. Placing furniture can be done 48 hours after installation finish. The floor should not be exposed to water in the first 48 hours.

4. Maintenance & Care

After installation

After installation it is essential to sweep and/or vacuum clean the floor in order to take away all dust and dirt. Then clean the floor with a neutral detergent (e.g. Dr.Schutz PU Cleaner). Depending on the total surface, a cleaning machine (with "white" pad) or a damp mop or cloth can be used. It is recommended to use a separate 'rinse-bucket' for optimum results. Never use an excessive quantity of water during cleaning.

Regular and daily maintenance

Regular maintenance is performed in the same manner as described under 'After installation'.

Periodic maintenance

Depending on the intensity of use, the amount of dirt that is walked in and the way the daily maintenance is performed, and especially in big public projects, a scrub-suck machine with neutral detergent and equipped with a suitable red pad or a dry buffing high speed machine at 900 rpm with white pad, will yield a better result.

Attention !

Observe the dilution recommendations of the manufacturer of the cleaning products according to the intended use and the method used.

In the case of deep dirt, restoration products must be implemented (type Dr.Schutz R. Intensive Cleaner for example).

Please note, some products are not recommended due to the surface protection:

- (Pure) chlorine products,
- Abrasive products,
- Products based on pine,
- Products containing soap,
- Products containing strong solvents (e.g. acetone)
- Polishers and varnish products.

Preventive care and prevention of damage

Applying a good entrance mat or matting, largely prevents the ingress of dirt and moisture into the building and consequently onto your floor. It must be sized in such a way that walking on it is inevitable, and must have at least the length of a few steps.

Do not use rubber, in combination with the floor. Migration can lead to a permanent dark brown discoloration. Provide chair legs and other furniture from additional protection in order to protect your floor. (do not use rubber based or metal protection) Browse to www.scratchnomore.com for the best protection of your floor. Do not slide heavy objects across the floor.

If necessary, replace the wheels under desk chairs with wheels with double support rollers of type W (soft)

5. Guarantee

- The planks are guaranteed 10 years in commercial use, starting from the date of purchase at the dealer-distributor upon presentation of the receipt.
- The guarantee covers all in conformity with the warranty conditions, as given here below.

Warranty conditions:

Green-Flor® guarantees, under the applicability of the limitations and conditions mentioned in this statement, the sound quality of its products, except for small, technically unavoidable deviations in colour and eventual hidden defects which however do not considerably reduce the users value of the product.

Green-Flor® will though provide replacement of flooring, based on the at that moment available collection in an equivalent or similar quality and/or design, in case there is and connected to that part of flooring, where there is a loss of original pattern and colour under normal residential use of the Green-Flor® product for the number of years as indicated as here above, whereas a deduction of 10 to 20% of the original material price will be applied for every year or part of year after the installation of the floor, provided the flooring covered by this warranty is installed, maintained and used according to the commonly accepted practice for these type of heterogeneous products as given in our installation- and maintenance instructions. This including but not restricted to, a full bonding glue of the floor with a suitable wheelchair permanent adhesive, on the advice of and processed according to the processing requirements of the adhesive supplier, if the installation situation requires. The use of office chairs no other than those with the rollers of at least 50 mm in diameter and 20 mm tread width made of hard plastic without seam according to DIN 68131 and / or EN 425.

This warranty does not include damage due to improper installation or maintenance, excessive moisture or alkalis in the subfloor or conditions arising from hydrostatic pressure, burns, tears, indentations, stains, negligence, misuse or abnormal use which are due to the user or change in gloss due to normal use or exterior application, accidental impacts(knocks, falling objects, scratches caused by objects being moved) and any other defaults which are outside the standards as defined in the EN norms as outlined in the technical data sheets in either our brochures, sample cards- and swatches, internet etc. Also not included in this warranty is the installation of the product on an underlay product. Furthermore not included in this warranty is exposure to high temperatures or too much sun due to improper measurements as given in our installation-use & maintenance instruction.

This warranty shall not include loss of time, inconvenience, incidental expenses incurred in the removal or reinstallation of the affected material and any other incidental or consequential damages. This warranty is in lieu of any other warranties, expressed or implied. The warranty service is only available by notice to Green-Flor®, through the dealer-distributor from whom the purchase was made. Notification must be accompanied by a copy of the original invoice and can only be authorised by Green-Flor®.