

# SPC INSTALLATION



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## BEFORE INSTALLATION

Before, during and after the installation, the room must be preserved in paragraph ambient conditions delineated in the "air-conditioning".

Before the installation, make sure the product has not been damaged during transportation. Damaged material will be not replaced once installed. Check the product in the daylight and if any manufacturing defect, wrong colour or brightness is found during the inspection, please immediately contact the retailer from which the flooring was purchased. Complaints on any flaws should be made prior to installation.

Some differences of colour and structure are due to the nature of the material and so they cannot be an object of a claim. As with all natural products once exposed to sunlight or some chemicals there is a possibility that there will be some minor alteration in the colour. Also, once the product is subjected to extreme ambient conditions of temperature and/or humidity some modifications of the dimensions of the board can occur (between 0,15% and 0,30% dilatation). Damage due to misuse of the material will be excluded from the warranty.

Surface base: All surfaces where the product has to be fitted, must be predisposed to the laying, following principles in respect of the actual normative, in particular the requisites will be:

1. Dry and without humidity. (Cement subfloor <2,0% CM – anhydrite <0,5% CM).
2. Level (with differences of level of max. 2 mm for one meter).
3. Compact and resistant screed.
4. Clean and without crusts and dust.

For levelling the base it is recommended to use a self-levelling compound with a previous primer.

## AIR-CONDITIONING

The floor must be conserved at a temperature of the environment in which it will be laid for 24 hours before the fitting. The boxes should be stored closed and in a horizontal position. The ideal conditions are 20°/22°C of temperature and 50- 60% of humidity.

## FUNDAMENTAL NORMS FOR THE INSTALLATION

Place a layer of PE-film of 0,2mm thickness on the entire installation area, which acts as a "Barrier of Vapour". The joints of the different PE film sheets must be placed upon each other for min. 300 mm at least.

The flooring must always be fitted in a floating way, without glue to the below surface or anchorages of nails or screws.

Maintain a distance of 10 mm from all the fixed structural works at the edge of the perimeter.

Under doors, in long corridors or surfaces with length superior to 12 m or width superior than 10 m 120 m2, you have to consider the use of dilatation joints.

The profiles of the doors must be cut at the high of the flooring.

Our range of indoor products is suitable for all types of spaces. In areas near to large windows or glass fronts, the impact of sunlight can create temperatures on the flooring of up to 60°C that can create higher dilatation.

## INSTALLATION

For the beginning it's necessary to have polyethylene film and adhesive tape that is important as insulating against the vapour. The essential tools are: metre, pencil, saw, hammer, sealing, level, spacers, a shunting tool and a nylon tapping block.

Open the packs only when you install the flooring and mix the boards of the different boxes. 1. Start to install the first row from a corner of the room using the spacers to leave a distance of 10 mm, necessary for the dilatation of the flooring.

2. If possible, install the planks in the same direction as the light in the room.

3. Join the short edges of the boards of the first row laterally with a movement of 15-20° until hearing the click of closing and line up using the spacers.

4. Cut the board necessary to complete the first line and save the not installed piece.

5. After having lined up the first line of boards, lay the second line using the remaining piece of the last board of the previous line. Install the first board of the second line lightly in diagonal as indicated and fix it, balance it lightly.

6. The short joints of the boards between two different lines, must be offset of 300 mm at least (stagger).

7. Proceed in the same way with the second board and position the frontal part of this last one against the first one. Use a tapping block and a hammer to join the boards of the same line.

8. To install the last line of the boards measure the remaining distance between the wall and the last line. Cut the boards in the length and lay them.

Note: When you use a tapping block (min. 20cm long) to click or put together the short edges do not put the tapping block against the tongue. Put the tapping block against the groove or the over lip from the tongue side, otherwise you can damage the tongue.

The distance from the wall and from all the stable elements must be of 10 mm at least. (Minimum 1,5 mm for every metre of width in the larger room). Do not place heavy furniture on the flooring; it can block its natural movements.

The click installation system allows you to remove your flooring in any moment without any damage and re-install it following the initial instructions.

## AFTER LAYING

Remove the spacers after the complete laying of the flooring. Apply felt pads under the tables, chairs, etc... When you move heavy furniture, lift them and do not trail them. The office chairs must have soft polyamide wheels in respect of the norms.

Skirting, profiles, maintenance tools and cleaners are very important accessories. Your retailer can suggest and show you a large range of accessories available. Protect your floor in future works.

## CLEANING AND MAINTENANCE

Clean the floor with a humid cloth after the laying and before the fitting of the skirting. For daily cleaning, use suitable cleaners as

Cleaner. Depending on level of use the flooring must be cleaned at regular intervals with an intensive cleaner, never wet but humid and well squeezed. The duration of your floor doesn't depend only on the use, but also from the maintenance and cleaning. Use only suitable products and follow our indications. Do not use aggressive essences with glycerine because they can attack the surface.

## UNDERFLOOR HEATING

When it is installed on floors with under floor heating system, the temperature of surface cannot be higher than 28°C. A heating protocol is required. products are also suitable to be installed over underfloor cooling systems as far as there is no humidity created by condensation.