



Application Guide for Nautikflör

General

Nautikflör™ is a new revolutionary floor that has no wood or paper in its composition insuring great performance in potentially wet and/or humid applications. The CLICK system that changed the flooring industry is well known today and makes this unique nautical look floor, the easiest marine grade flooring in the market.

The lines commonly called in the marine trade “holly” are aligned from one board to the next with a possible tolerance of 0.5mm, this is considered normal in this type of flooring. **Nautikflör™** can be installed as a “Floating Floor” (click only) or glue to the sub-floor (completely or partially, depending on the application). Both types of installations are detailed below. No underlayment is required. **Nautikflör™** backing is already a humidity/vapour barrier and a sound dampener.

Clicking the boards either on the long or short side can be done in two different ways:

Method A: Angle-In Installation Method

Position the plank to be installed at an angle of 20° to 30° to the plank already installed. Move the plank gently up and down, at the same time, exert forward pressure. The planks will automatically click into place. You can either insert the tongue into the groove, or the groove into the tongue. The tongue in groove method is the most common and the easiest way. See diagram 1A-1B.

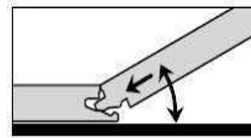


Diagram 1a

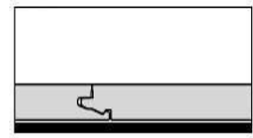


Diagram 1b

Method B: Flat Installation Method

With **Nautikflör™** you can also tap the planks into each other without lifting. For this method, you must use a special tapping block. The planks should not be joined with a single tap and the tapping block should be sitting flat on the floor. To avoid damaging the planks you must tap them together gradually. Use this method only in cases where you are unable to use the Angle-In method (see above). The rest of your floor should be installed using the Angle-In method.

Tools for Installation

For best results it is essential that you follow the installation instructions exactly.

Tools

- Installation kit (pull bar, spacers (1-8 mm) and a tapping block)
- 4mm V notched trowel
- Maintenance/cleaning products

You may also need to cut the planks. To obtain a clean cut, you can use a razor knife, score the board and break it. All other wood cutting tools can be used including jigsaw, table saw, router, etc.

FOCUS POINTS

1. You can walk on the floor during and immediately after installation, whatever the floor is installed “floating” or glued.
2. With NAUTIKFLOR planks you can choose where you want to begin. Think about what will be the easiest way to install the floor.
3. Make sure the planks are mixed sufficiently when you install them so that you do not end up with too many identical light or dark planks next to each other.

4. Check all the planks in daylight before and during installation. Defective planks must never be used.
5. Under normal conditions **Nautikflör™** flooring requires no acclimation period. Outside of the normal conditions, let the planks acclimate for 48 hours in the unopened packaging at the normal room temperature in the middle of the room where the floor is to be installed. Normal conditions means a difference of no more than -3.89°C and 20% relative humidity between the stocking/transportation environment of the flooring and final installation environment of the flooring.
6. Ensure that the end joints of the planks in two successive rows are never in line. Always ensure that the joints are staggered by at least 15 cm/6 inches.
7. We recommend you purchase a few extra boards of flooring. This will be useful to you if you have some damaged pieces, miscalculate the size of the room or miss cut some pieces. This also will help you if your floor needs a repair but your colour is no longer manufactured.

PREPARING THE ROOM

- Make sure the subfloor is flat. Any unevenness greater than 5mm (1/4") over the length of 1 metre (40") must be smoothed out. The **Nautikflör™** backing will help reduce unevenness. In any doubt, lay-down a board over the section of the sub-floor that you feel might not even. If the board doesn't lay flat, and the blue backing has not absorbed the unevenness, then you need to level this area.
- Make sure the sub-floor is clean, dry and stable.
- Flooring may be installed over radiant heat systems.
- Check that the doors can still open and close after the floor has been installed (minimum + 1 cm (3/8")).

Concrete Subfloor

New Construction:

- A new concrete floor must dry for at least 1 week per 1 cm (3/8") thickness up to 4 cm (1-1/2"). Thickness over 4 cm (1-1/2") require twice as much drying time. For example, a 6 cm (2-1/2") concrete subfloor must dry for at least 8 weeks. The moisture content must be less than 2.5% (CM method) or less than 2.27kg/24 hour per 1000sqft (Calcium Chloride Method ASTM 1869).

Renovation:

- Remove any Damp-porous floor covering (carpet, needle felt, etc.) first.
- Damp-sealed floor covering (PVC, linoleum, VCT, ceramic tiles, etc.) does not have to be removed.

Wooden (Plywood) Subfloor

- Remove any existing damp-porous covering first.
- Make sure the sub floor is stable. Nail down any loose parts and apply a levelling layer if necessary.

Installing the Floor – Glue Down

- When installed glue-down, not expansion space is necessary.
- Trowel down the glue (Fix30) onto the floor with a 4mm V nothed groove trowel ensuring coverage of the entire are to be glued and install the first row.
- When starting the second row, ensure that the end joints of the planks in in two successive rows are never in line. Always ensure that the joints are staggered by at least 15 cm.

You can join the plank with the angle method, but in many cases, using the tapping block will insure a secure snap. In places where it is too difficult to install the Uniclic® planks with the tapping block (e.g. against the wall), you can tap them together using the pull bar and a hammer.

Installing the Floor – Floating

- Begin the first row with a whole plank. First, saw off the tongue on both the long and the short sides.
- Put the plank with sawn off sides against the walls. Put spacers from the installation kit between the planks and the wall. This will ensure that your expansion joint is wide enough: 8 to 10mm (5/16" to 3/8").
- The diagrams indicate where the Uniclic® planks are clicked together by angling up and down or where they are tapped together flat.
- In places where it is too difficult to install the Uniclic® planks with the tapping block (e.g. against the wall), you can tap them together using the pull bar and a hammer.
- There must also be an 8 to 10mm (5/16" 3/8") expansion joint between the last row and the wall. Keep this in mind when sawing the last row of planks.

Precautions

- Protect furniture and chair legs with proper felt or rubber caps.
- Furniture on casters/wheels must use soft, rubber wheels that are suitable for a wooden floor and/or use a suitable protective mat.

Maintenance

- The smooth surface of your **Nautikflör™** means it is virtually maintenance free.
- You can use a Urethane based lacquer should you want your finish to be more shiny.
- Do not use steam cleaners or power cleaners.



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