

INSTALLATION

Be careful:

- **Viligno floors are only suitable for installation indoors in heated rooms, excluding conservatories.**

Materials needed:

- Utility knife, pencil, tape measure, spacers, hammer, tapping block and pull-bar.

Recommendations before you start the installation:

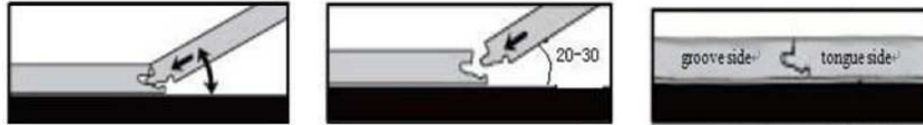
- Always transport and store the boxes flat. The panels must first be acclimatized for 48 hours in the area where they are to be installed, at a temperature between 18° and 25° C.
- Viligno panels are produced with the utmost care. Nevertheless, we advise to check the panels in daylight for size and colour differences and damages. Once the panels have been fitted we cannot accept any visual complaints.
- The subfloor must be cleaned before the installation and fit for use: hard, smooth, dry stable, free from dust and flat (according to DIN 18365). Over a distance of 1 meter flatness tolerance must be maximum 1mm. If necessary the subfloor must be levelled first. We also strongly recommend the use of the Viligno underlay.
- To avoid repetition in colour and pattern, we recommend to mix panels from different packs. It is also advisable to use materials from the same batch.
- On the backside of the panels there is a sign indicating the installation direction. Preferably install the floor in the direction of the principal source of light in the room.
- Viligno, with the Uniclic® system, needs to be installed floating and should under no circumstances be attached to the subfloor. Because of this you can always walk on the floor during the installation and immediately after.
- The ambient temperature during the installation must be minimum 18° C and the relative humidity maximum 70%.
- Low temperature floor heating is not a problem if the maximum contact temperature is 27° C. This is true for systems with the heating components, hot water or electric, embedded in the floor. So-called new systems are not suitable in combination with a Viligno floor. The floor heating must be turned off 24 hours before and after laying the floor.



Installation:

- Viligno panels can be installed in two different ways:

1. Position the panel to be installed at an angle of 20°-30° to the previous panel. Move the panel to be installed lightly up and down and with a little pressure into the other panel. You can either click the tongue into the groove or the groove into the tongue. However we recommend to insert the tongue into the groove (img. 1 & 2).

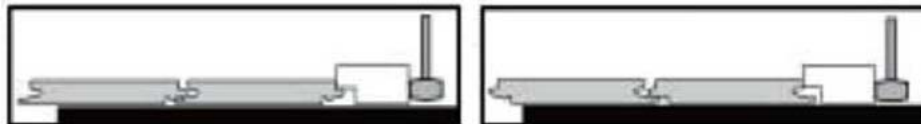


img. 1



img. 2

You can also tap the panels into each other without lifting. For this method you need to use a special tapping block (with cut-out) set flat on the floor. Be careful that the panels are tapped together gradually (img. 3 & 4). We recommend only using this method when the first method is not possible.



img. 3



img. 4

- Use spacers to create an expansion joint of at least 5mm (img. 5). It is very important that the flooring is able to expand and contract on all sides (also around pipes, thresholds, etc.). When surfaces are in excess of 10 meters, extra expansion of 5mm is needed.



img. 5

- First row:

We advise to start with the tongue side against the wall and to work from left to right. Don't forget to put the spacers first (img. 6)!



(img. 6)



Click the first row of panels together on the short side (img. 7) and make sure that the panels are perfectly aligned. For a perfect alignment it may be useful to use a fitting piece (img 8.).



img. 7



img. 8

- Following rows:

For a more pleasing and natural appearance it is necessary that the panels are staggered to avoid that the short edges are not in a straight uniform line. Therefore you better start with the remainder of the previous row on condition that this piece is a least 30cm (img. 9).



img. 9



img. 10



img. 11

Click again first of all the panels together on the short side over the entire row and place the long side against the groove side of the previous row. Rotate then the complete row into the groove side of the previous row at an angle and with a little pressure forward (img. 10). For a perfect alignment it may be useful to use again a fitting piece (img. 11).

If necessary you can use a special tapping block (with cut-out) to tap the panels gradually into each other. In places where it is too difficult to rotate or tap the panels into each other you can use a pull-bar (img. 12).



img. 12

- **Finish:**
Remove all the spacers and install then the skirting and if necessary the multifunctional trims that both serve as an expansion or transition profile.
Never attach the skirting to the floor!

Precautions:

- Avoid exposure to direct sunlight. Provide if necessary curtains or blinds.
- Furniture legs have to be provided with protectors. Install a protective mat under chairs on castors.
- Viligno is not suitable for use on stairs or for wall applications.
- Avoid bringing dirt, sand, soil ... onto a Viligno floor. Place where necessary non-rubber backed doormats.
- Pets with sharp nails may cause deep scratches in the floor.
- Cigarettes, matches etc. should not come into contact with the floor, in order to avoid permanent damage.

MAINTENANCE

- Cleaning after installation: first remove all dirt from the floor with a brush or vacuum cleaner. Then clean the floor with water and an appropriate neutral detergent.
- Daily cleaning can be done by sweeping, vacuum cleaner or damp mop carried out in combination with a mild detergent. The use of harsh detergents, abrasives or soaps is strictly prohibited.
- Always remove immediately sharp objects, aggressive substances or spilled liquids from the floor.

For more information about installation, maintenance and warranty, please check www.viligno.com.