

INSTALLATION

Be careful:

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

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).
- To avoid repetition in colour and pattern, we recommend mixing 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.
- 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.

Subfloor:

- The correct preparation of the subfloor is extremely important for a perfect final result as the slightest unevenness will leave marks. Therefore you first need to apply a primer and a levelling compound (minimum thickness 2mm) on the subfloor.

Types of subfloor

CONCRETE: In order to measure the moisture content of the subfloor you may use a "calcium carbide moisture meter". The moisture content for installing a Viligno floor must not exceed 2.5 % CM for cement surfaces (cement, sand and water) and 0.5 % CM for anhydrite surfaces (plaster, sand and water). With underfloor heating these values should be 1.5 % CM and 0.3 % CM respectively. If these conditions are not met a liquid waterproofing layer must be applied according to the manufacturer's specifications.

WOOD: First of all fix loose laying planks and remove all nails. Then the timber floor should be covered with a 6mm plywood for outdoor use. It is extremely important to use a leveling compound to smooth out the joints.

SOFT FLOORING: Carpet, vinyl, cork, ... should be removed first as well as all adhesive residue.

HARD FLOOR COVERING: Damaged tiles must be repaired first and the joints must be leveled with a leveling compound.

Installation:

- The surface is only suitable for gluing after a primer and leveling compound is applied. First of all apply a primer with a roller to ensure a good adhesion between the subfloor and the leveling compound. After the primer is dry leveling compound should be applied with a trowel. For both applications contact the manufacturer of these materials if necessary.
- We recommend installing the floor starting from the center point of the room in order to work towards the wall and this in the direction of the light. In this way you will have the best result. Also make sure that the panels are staggered so that the joints do not come on one line. The panels can be easily cut with a cutter with the decor face up.
- Use solvent-free, quick-drying water based dispersion adhesive that is suitable for gluing PVC panels. Be sure that the installation instructions on the packaging are respected. The adhesive should be applied with an A2 trowel. Install the panels after the specified waiting time, in the wet glue and press them firmly to ensure good adhesive transfer. Do not walk on the floor during the bonding because the panels can move. After about 30 minutes the floor must be rolled with a roller (minimum 50 kilograms). Repeat this procedure once more after the installation of the complete floor. Remove all glue residue immediately with a damp cloth, never with detergents.
- After installation the temperature should remain for 24 hours between 18° and 25° C and also during that time you may not walk on 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.
- In industrial cleaning with a floor cleaning machine you have to use a 3M 5100 red pad.

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