

PURELLO FIX 30 V and FIX 55 V vinyl tiles

Installation and maintenance manual

Subfloor condition

The subfloor before installation must be solid, dry, flat and smooth. Imperfections like cracks, greasy stains, aphaalts or glue residues have to be removed. In case of a new construction or a new subfloor, its essential to check residual moisture level. For concrete surface it must be lower than 2 % (1,8 % with floor heating), for anhydrite surface lower than 0,5 % (0,3% with floor heating).

Installation conditions

To retain properties of PURELLO vinyl flooring, tiles have to be stored in dry environment at stable climatic conditions. Flooring packages should be placed at least 24 hours, ideally 48 hours at the place of installation before laying (max. 5 packs on top of each other) at temperature of at least 15°C.

The ideal temperature conditions for installing are 18-25°C. Stable temperature should be maintained throughout the whole installation process. High temperatures or direct sunshine is not suitable for installation. Floor surface should be >12°C. Relative humidity of air should not exceed 60%. Compliance with these conditions is important for stability of vinyl floor covering, so that no little gaps between tiles occur before the glue fully hardens.

Floor heating

Vinyl floor coverings have low heat resistance, which has no influence on floor heating's performance. Floor heating must be turned off 48 hours before installation and turned on firstly 48 hours after installation is completed. During installation process, the subfloor surface should not exceed 18-22°C. The temperature on the underside of the floorcovering should never exceed 27°C. No floor coverings are constructed for higher temperature, except ceramic tiles. If heating test of the new floor heating was not done, floor covering should not be installed.

Vinyl tiles condition

Before installation, it is necessary to check vinyl tiles whether visible transport and manufactory defects are present. Vinyl floor tiles with easily detectable defects must not be installed, it is important to file a reclamation with the supplier as soon as possible. Same coloration of tiles is guaranteed by the same production batch number, which is indicated on the packaging label. When installing, it is recommended to unbox more packs and combine different tiles, so decor pattern is not regularly repeating and eventual different batches are combined in one room.

Paralell laying

Before installing base row of tiles, it is important to correctly measure parallel to the main wall of room by marking a guideline on a surface of the floor covering. It is advisable to measure the distance between the base row of tiles and opposite wall as mutiple of the width of the tiles minus approx. 1 cm or so that the tiles in the last row by the walls or by the thresholds of the entrance doors are >10 cm wide. Same rule applies to the starting point of first installed tile in the base row. In case of installing narrower formats (cutouts), there might be some movement later and gaps may occur between them.

Diagonal laying

Before installing base row of tiles, it is mandatory to firstly measure the room symetrically and then draw diagonal guidelines on a surface of the floor covering. Next, define how to end the rows of tiles by the walls and entrance doors. If small triangular formats are created, it is important to corrigate diagonal axis of the room. Same rule applies to the starting point of first installed tile in the base row. For asymmetrical rooms, it is advisable to prioritize the measurement of the corresponding format of the tiles, preferably at the entrance doors.

Gluing

For glue-down vinyl tiles, it is important to use suitable glue with high initial stickiness and high adherence. When using adhesive, you should follow manufacturer instructions. Tile format by the walls must be modified before gluing by cutting surface of the tile with a straight knife and then finishing the cut with a hook. After complete installation of the vinyl tiles, it is necessary to clean the adhesive residues off the surface and after cleaning, rolling all rows of tiles with a 50 kg roller.

Skirting boards

Installing skirting boards prevents dirt from settling in the gaps by the walls and moistness penetration under the flooring during maintenance. The method of installation depends on the type of used skirting and connecting material (glue, adhesive tape, nails, screws, clips). Although skirting board is important aesthetic element of the floor, you should consider other practical circumstances (flatness of walls, type of environment, maintenance method).

Recommendation

It is reasonable to leave the flooring work to the professionals, as installing vinyl tiles requires practical experience. Professional installation comes with many benefits, such as saving your own time, warranty on work and longer lifetime of the flooring.

Maintenance

To preserve the original look of the flooring, please follow instructions listed below:

- reduce the amount of dirt carried to the floor by using sufficiently large cleaning mat or cleaning zone at the entrance to the house
 - remove dirt from the floor as soon as possible, as it increases wear rate and can cause discoloration of the floor covering
 - prevent intrusion of pebbles and other granular dirt, which cause scratches on the floor covering
 - during construction work, cover the entire area of the floor
 - do not use abrasive cleaning agents or strong dissolvents
 - perform routine maintenance to preserve longevity of the flooring and also for hygienic and aesthetic reasons
- PURELLO vinyl tiles have PUR (polyurethane) surface treatment applied from the factory and are therefore easy to keep clean and do not require any additional surface treatment after installation. You will achieve significant savings with PUR surface treated floor covering when buying cleaning products. We recommend using A1 AKTIV floor cleaner for regular maintenance.

Cleaning mats

Using cleaning mats reduces cost and time of maintaining vinyl floor covering, if they are cleaned regularly. For capturing dirt, carpet mats can be used at entrance areas indoors and rough mats outdoors. Both types of cleaning mats greatly reduce amount of dirt brought to the house.

Castor chairs

Castor chairs should be equipped with soft W-type castors of the prescribed size (50 mm diameter, 20 mm slide, 100 mm slide turning radius) by the norm EN 12529 for use on smooth vinyl floor coverings. This is necessary to keep in mind when choosing suitable castor chair.

Regular cleaning methods

Usual dry cleaning is done with a broom equipped with a wool or microfiber cover. Regular dirt and small stains can be removed with dry mop. Wet the floor surface completely (dilute the cleaning agent with water according to the manufacturer's instructions), without leaving standing water on the surface.

Wet cleaning

Wet wiping requires using sufficient amount of water, so that small layer of water stays on the floor. Add neutral cleaning agent or alcohol based cleaner. When the cleaner starts working, larger stains will loosen and could be removed with a rinsed and wrung out mop in a cleaning solution. This method do not require using any machines. Simply use double bucket with a wringer and a mop. After floor is dry, you can polish the floor covering with a rotary machine for floors (300-1000 rpm) equipped with cleaning pad. On areas that are normally disinfected wet, we recommend adding appropriate amount of disinfectant.

Spot cleaning

Spot cleaning means (local) intense treatment of very resistant stains or abrasion traces, which can not be removed by wiping them with a mop. Spray the spots with cleaning agent, wipe the small ones with a cloth, larger or more numerous ones with a rotary machine for floors with soft pads. Do not use sponges or other abrasion materials, as they could damage the PUR surface.

Non-removable stains

With prolonged contact, natural rubber can leave non-removable color stains on the surface of all types of vinyl floors. In practice, this phenomenon is mostly caused by bicycle tires, stroller wheels, appliance pads or rubber footwear. These stains are not visible immediately, but as a result of the migration of substances into the floor, caused by the action of the light. Also beware of bitumen asphalts, mineral oils, lubricants and colored shoe creams, which can cause colored stains on light decors of vinyl floor coverings immediately.

Wear layer protection

Exposure of the floor covering to excessive abrasion, e.g. contact of furniture with sharp edges, dirt (sand, stone dust, steel sawdust), frequent sliding or constant high pressure on the same place on the flooring means an extreme load for its wear layer protection. If this occurs over a long period of time, it can cause rapid wear or damage to the surface of the floor covering. In most cases, these defects can be repaired by applying special products to restore the wear protection layer.

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