

# Installation Recommendation

LG Hausys NATURELIFE / LG Hausys floors DECOTILE

## 1. General Notes

LG Hausys flooring is subject to regular quality controls at the factory. Despite these regular controls material defects cannot fundamentally be excluded. For this reason LG Hausys flooring should be checked for batch uniformity, uniformity with the sample materials as well as defects.

## 2. Checking and Preparation of Subsurface

The subsurface must be checked and assessed first by the contractor undertaking the floor installation work before processing LG Hausys flooring with regard to DIN 18 365 "Flooring works" regarding to this generally accepted rules of the trade/technical rules and the instruction sheets (BEB, TKB). The subsurface must be free of cracks, clean, dry, level and firm.

Depending on the type of subsurface as well as its subsequent use, the subsurface must be prepared with suitable primers and fillers before installation. In order to get the best results use a filler thickness of  $\geq 2$  mm when using dispersion adhesives. In particular, absorbent sub surfaces and level surfaces are the prerequisites for a proper, professional installation and the long-lasting assurance of the utilisation/usage characteristics of LG Hausys flooring.

Use only installation materials for the preparation of the subsurface that was obtained from the particular manufacturers.

## 3. Storage and Installation

The appropriate storage of LG Hausys flooring is the prerequisite for the best result during processing. Roll goods must be stored standing in an upright position and secured against tilt over. LG Hausys flooring must be stored in premises with a room temperature of at least 18°C. Storage in premises which are too warm should be avoided.

The flooring should never be stored in direct sunlight or subject to direct moisture.

LG Hausys flooring should be installed regarding to DIN 18 365 "Flooring works", the generally accepted rules of the trade/technical rules and the instruction sheets (BEB/TKB) respectively valid. Before starting installation work, the flooring must be tempered / acclimatised without fail for at least 24 hours. The flooring will ideally be stored in premises where it is to be installed. With regard to the recognised rules of the trade/technical rules, room air temperatures of at least 18°C, subsurface temperatures of at least 15°C as well as a relative air humidity of max. 75% (with dispersion adhesives ideally max. 65%) are required during installation. It is recommended that the roll goods are cut to size one day before installation.

*Note:* Although constant manufacturing processes colour differences within different batches are possible. To avoid differences in designs / colours, use only one batch for one single room. The batch number is placed on the packing.

For LG Hausys floors NATURELIFE, the reverse installation is strongly recommended to get best appearance. The edges of the roll goods must always be cut. Be careful when cutting, only cleanly cut roll edges can guarantee a clean/tight fit at the joints. In order to achieve the best results cut the edge of the first roll/sheet by using a suitable strip cutting machine. Take the second roll/sheet which has to be installed. The second roll should overlap the first roll. Use a special scribe, a lino-cut or another suitable seam cutter. It is also possible to cut both edges using a steel ruler and trapeze blade.

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LG Hausys flooring is glued using suitable adhesives that are recommended by the adhesive manufacturers. The adhesive is applied in accordance with the instructions of the adhesive manufacturer.

After the flash-off time prescribed by the adhesive manufacturer, the floor covering is laid on the adhesive bed, pressed and rolled. The flooring must be rolled once more 45 – 60 minutes later using an articulated roller. LG flooring can be used when the adhesive system has completely set (48 – 72 hrs.).

A valid adhesive recommendation you can find at [www.lgfloors.de](http://www.lgfloors.de).

### **4. Seam Edge Sealing**

When LG Hausys roll goods were installed seam edges should be sealed to protect the flooring against the penetration of moisture by using the heat welding system with coloured welding rods.

*Note:* When LG Hausys floors NATURELIFE should be installed it is recommended to use chemical welding system of Werner Müller PVC-chemical welding. Follow to the manufacturers instructions.

For LG Hausys floors DECOTILE the edges have already been cut at the factory. Please make sure that the edges meet tightly and correct to avoid unlovely grooves. Do not use heat or chemical coating for LG Hausys floors DECOTILE.

Once all work on the flooring has finished, act regarding the cleaning and maintenance recommendation for initial cleaning.

Visible defects must be notified before cutting and installation as they will not otherwise be accepted.

With the publication of this installation recommendation, all previous versions shall become invalid.