

# Installation Recommendation

## LG Decotile

### 1. General Notes

LG Decotile is subject to regular quality controls at the factory. Despite these regular controls material Defects cannot fundamentally be excluded. For this reason LG Decotile should be checked for batch 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 Decotile with regard to DIN 18 365 "Flooring works" regarding to this generally accepted rules of the trade/technical rules and the instruction sheets. 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 utilization and usage of characteristics of LG Decotile.

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 Decotile is the prerequisite for the best result during processing. LG Decotile 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 Decotile 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 recognized 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.

Note: Although constant manufacturing processes colour differences within different batches is possible. To avoid differences in Designs/Colours, use only one batch for one single room. LG Decotile 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 Decotile can be used when the adhesive system has completely set (48–72hrs.).

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

# Cleaning and Maintenance Recommendation

## LG Decotile

### 1. Preventive Measures

Dirt being carried inside can be avoided by installing matting zones or gratings in the entrance area. These areas should be included in the cleaning routine. Sand carried inside can have an abrasive effect on the flooring surface and can cause irreparable damage.

### 2. Initial Cleaning

Newly installed flooring must be cleaned before first use to remove any residues left over from the installation process as well as dirt. Loose dirt should be carefully removed (sweeping, vacuum cleaning or wet wiping). When cleaning, use agents such as CC PU-Cleaner according to user instructions. Apply the cleaning agent to the flooring and work according to manufacturer's instructions. Remove all scum and rinse the floor with clean water until all cleaning agent residue has been removed.

### 3. Consolidation Treatment

LG Decotile is provided at the factory with an additional UV-cured PUR coating. This coating protects the Flooring during installation and for a short time during use which depends on wear. For a better protection of the flooring it may be advisable to make an initial consolidation treatment.

*Note:* If the PUR coating seems worn after long or intensive periods of use, consolidation treatment of the flooring is advised to ensure long-term, proactive protection. The flooring should be cleaned first by using the basic cleaning procedure. To build up a protective layer use agents such as CC Floor mat according to the manufacturer's instructions.

### 4. Routine Cleaning and Maintenance

- 4.1 Removal of loose dirt and dust: Clean the flooring by wet wiping using suitable micro fibre wipe covers.
- 4.2 Manual or mechanical wet cleaning: To remove stubborn dirt use agents such as CC PU-Cleaner and clean the surface according to the manufacturer's instructions. Areas which require regular disinfection can be treated with agents such as CC Disinfectant Cleaner.
- 4.3 Intermediate cleaning: If stubborn dirt can not be removed using a wet cleaning process, intermediate cleaning is advised using agents such as CC PU-Cleaner in a concentration recommended by the manufacturer. Clean the flooring using a mop/ cleaning machine or the cleaner process. The floor should also be polished regularly using a single disk polisher with a white pad or a polishing brush in order to ensure optimal preservation of value of the cleaned flooring.

### 5. Basic Cleaning

Basic cleaning may be required to remove especially stubborn dirt and residues which affect the appearance of the surface and cannot be removed using routine cleaning methods, or to prepare the floor for renovating in case of signs of wear, using agents such as CC PU-Sealer. Use agents such as CC Basic Cleaner R as recommended by the manufacturer and work the floor using a single disk machine with a green pad. Remove all scum and rinse the floor with clean water until all cleaning agent residue has been removed. If a consolidation treatment after cleaning is not required, a scrubbing brush or red pad should be used instead of the green pad.

### 6. Proactive Long-Term Protection / Refurbishment

The PUR coating protects the flooring, reduces the adhesion of dirt and makes routine cleaning easier. In order to maintain these benefits in the long run, it is advisable to ensure proactive, long-term protection and prompt repair of any damage of the surface.

- 6.1 Proactive long-term protection: The factory-applied PUR coating should be renewed by using agents such as the CC PU-Sealer after long and intensive periods of use and after signs of wear. Please follow the manufacturer's recommendations.
- 6.2 Refurbishment: If obvious signs of wear to the factory-applied PUR coating begin to show apply agents such as CC PU-Sealer twice according to the manufacturer's instructions.

## 7. Maintenance in Special Property Areas

If flooring requires protection in special property areas such as doctor's practices, hair salons, car dealerships (e.g. to minimize floor discoloration due to contact with coloured substances such as disinfectants, hair dye and plasticizer) or if the use of a normal, removable hard sealant such as CC Hard Sealer mat is considered due to specific property-related requirements, please contact us for technical advice.

## 8. General Note

Castor chairs compliant with EN 12529 Type W or protective soft mats should be used on LG flooring. Sufficiently sized components or pressure distribution mats should be fitted underneath moveable furniture/equipment. The use of felt or plastic glides is recommended. These glides should be regularly serviced. Chemicals such as solvents, medicines and disinfectants, hair dye, bleach, etc., can lead to permanent discoloration or damage of the flooring. These substances should be tested on a reference sample before use. If adhesive tapes are used on the flooring, please check the compatibility with the respective manufacturers. Rubber materials into direct contact with the flooring can cause to discoloration. Contact surfaces should be suitably protected. Stubborn stains and scuff marks from rubber components can be removed with agents such as undiluted CC PU-Cleaner and a cloth or scratch-free white pad and then rinsed with clean water. Smouldering cigarettes and embers can damage PVC flooring.

Most manufacturers of cleaning and maintenance products supply matching cleaning systems. It is recommended to use the system of only one manufacturer.

The cleaning and maintenance instructions have been drawn up in collaboration with CC Dr. Schutz and conform to current design standards. LG Hausys does not accept any liability for maintenance procedures or the use of any cleaning and maintenance products and their associated effects. If the products of other cleaning/maintenance product manufacturers are to be used, prior written approval should be sought from the relevant manufacturer and LG Hausys. By supplying the client with these cleaning and maintenance recommendations at the time of laying new flooring, the foorer has fulfilled the regulations according to DIN 18 365.

If you have further queries concerning the correct cleaning and maintenance of LG flooring, please contact CC Dr. Schutz, Holbeinstr. 17, 53175 Bonn, [www.dr-schutz.com](http://www.dr-schutz.com), [info@dr-schutz.com](mailto:info@dr-schutz.com)

With the publication of these cleaning and maintenance recommendations, all previous versions shall become invalid.