

Technical leaflet

Healthcare floorings

Definition and requirements concerning healthcare floorings

Healthcare flooring requirements

The following information describes the general requirements for healthcare floorings.

- dirt-binding in the entrance area
- durable in hallways and corridors
- heavy duty stress caused by rollers and wheels (high mechanical strength)
- no dust from abrasion,
- antimicrobial in the treatment area
- seamless or joint-tight
- good resistance to chemicals and cleaning substances
- good resistance to disinfectants
- flame-retardant
- antistatic / electrical dissipative
- attractive in the patient room

Deviating from this, there are country-specific or even municipal differences in the requirements for the DACH region (Germany, Austria, Switzerland). These must be taken into account in individual cases.

Medical and dental surgeries

In this field of application, there is an increased requirement for hygiene factors when it comes to flooring. In connection with this, more intensive maintenance cleaning takes place in these areas of application. Intensive cleaning with water, cleaning agents and disinfectants can be assumed. **The use of EGGER design flooring Green Tec and Aqua + laminate flooring in doctor's and dentist's surgeries is basically possible. If necessary, full-surface gluing is recommended.**

Whether an additional surface sealing is to be carried out depends on the individual case and depends on the type and the cleaning and care products used. **If surface sealing is necessary / required, no EGGER flooring may be offered and used.** In individual cases, the local authorities or an expert should clarify which specific requirements are placed on the flooring.

Hospitals and nursing homes

Hospitals and nursing homes are areas with increased risks for infections or hospital infections. These building complexes have a variety of areas of use and therefore a wide variety of applications for floor coverings. Not every area of use has the same flooring requirements.

Operating theatres, medical laboratories, sterilization departments and clean rooms have the highest hygiene standards and norms with regard to infection protection and air purity, these must also be met by the floorings. For improved cleanliness and hygiene, the floor coverings used there are surface-treated (sealed), are resistant to stains and chemicals, have fewer joints, prevent electrostatic charging and must be installed so that they are joint-proof and dissipative. **No EGGER flooring may be offered and used here.**

Rooms

EGGER design flooring GreenTec and Aqua+ laminate flooring can be used in exceptional areas and at the express request of the user (written approval of the hospital operator) in patient areas, e.g. common rooms or rooms. The local and / or object-related requirements with regard to swelling and shrinkage behaviour as well as surface quality and performance should be clarified with the local authorities or an expert. Similar to medical surgeries, intensive maintenance cleaning with water, detergents and disinfectants is common in these areas of application.

EGGER GreenTec design flooring and laminate flooring (from usage class 32 upwards with a thickness of $\geq 8\text{mm}$) can be used in visitor rooms, in corresponding administrative areas and offices, canteens, cafeterias, bistros and dining rooms as well as in entrance areas (with appropriate clean-up area).

Requirements to clean rooms (industrial flooring) "operating theatres / intensive care units"

The pharmaceutical industry regulates all requirements for clean room floors in the VDI standard 2083. Floor coverings in these application areas are without exception industrial floors. Floor coverings for clean rooms "operating theatres / intensive care units" must have the following properties in order to meet the requirement profile:

- ensuring protection against infection and hygiene
- Seamlessness (tight installation)
- Surface tight
- Resistant to stains, chemicals and disinfectants and low, airborne, particulate contamination
- electrostatic control (dissipative installation)
- Resistant to heavy loads

No EGGER flooring may be offered and used in these areas.

Conclusion

- EGGER design flooring GreenTec and laminate flooring can be used for certain areas in the healthcare sector. It is important that local regulations are taken into account when choosing the flooring. If in doubt, the advice of an expert should be obtained.

Provisional note:

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