

SPECIAL TECHNICAL INFORMATION 25

Surface treatment of stage floors

Stage floor requirements

Stage floors need to fulfil special requirements. They need to break the incident light to prevent mirroring and light reflections as far as possible. Also, it is important to be able to repair the stage floor quickly after damage.

General

Usually, ultra-matt black paint is used to break the incident light. 2-component paints have proven expedient due to the heavy wear on the stage. In light of the above-mentioned requirements, a stage floor should only be cleaned. If care agents are applied, the surface could become glossy, which should be avoided.

Our recommendation

2-3 x AquaSeal 2KPU royalmatt mixed with AquaSeal SportMarking Color black (MV 10:4). Total consumption approx. 360 g/m² depending on the absorption properties of the surface, the level of polish and the age of the floor. The surface is slightly sanded with a 150-180 sanding disk between coats or before the last coat. If necessary due to the technical design, the raw wood can be primed first with AquaSeal ExoBloc or impregnated with Classic BaseOil (2K) in the colour extra black to reduce lateral gluing. Alternatively, the floor can also be simply impregnated with Classic BaseOil (2K) in the colour extra black.

Putty

It only makes sense to apply our AquaSeal Pafuki putty, if the flooring is adequately rigid; otherwise there is a risk that the putty will come away from the surface. Alternatively, you can use the elastic putty from our AquaSeal PAK-Stop range mixed with AquaSeal PafukiPowder (colour: black).

Maintenance

No layer-forming care agents should be applied when treating the stage surface. These surfaces should only be cleaned with a neutral cleaning agent. Adhered soiling (e.g. adhesive tape residues) can be partially removed using Brilliance Cleaner L94 wax remover or also Brilliance Cleaner L91 KH-thinner. The required care is achieved by re-coating with black stage paint (see above for mix) after thorough cleaning with Brilliance Cleaner L94 wax remover and intermediate sanding; the new coat is applied approx. every 3-4 years depending on how worn the surface is. This is the best solution because, over time, the removal of adhesive tape can cause slight damage to the wood. Also, screw and nail holes created when attaching props or stage walls are also repaired as best possible. The resulting risk of injury is reduced to a minimum. Adhesive tape should only be used if it is suitable and approved for these surfaces.

We offer our customers comprehensive telephone support and can answer any questions or provide required information. Our team of specialists is available to provide further assistance.