



Product Information

1. Product Description

A special 2K polyurethane-based sealer for the long-term protection of floorings in areas with particular requirements for slip-prevention. The product forms an extremely hard wearing sealant film of outstanding durability. Special anti-slip additive increases slip-reduction, enabling the sealant film to be classified in evaluation group R10. Slip-reduction effect tested and approved by the employer's liability insurance association for work safety (Berufsgenossenschaftliches Institut für Arbeitsschutz-BGIA-) in accordance with the regulation given in BGR 181 and DIN 51130.

2. Areas of Application

PVC, linoleum and rubber floorings with a plain or slightly structured surface, including qualities with a polyurethane factory finish. Not suitable for conductive floorings.

3. Method of Application

Prior to application, the floor must be thoroughly mechanically cleaned with a green or silver pad using the procedures laid down for newly laid floors or for basic cleaning operations. The floor surface must be clean and dry, free from dust, grease, oil, wax and care product residues. In the case of linoleum and other floor qualities with a removable factory protective finish, this must be removed completely.

First pour the contents of the Antislip additive package (500g) into the PU Sealer mat canister and carefully mix by thoroughly shaking. Optimal mixing is achieved by using a boring tool with mixer and sealer bucket. After mixing, add crosslinker (0.5 litre) to sealer and carefully mix both components. Room and working temperature: 15-25°C.

Roll out the mixed sealer evenly over the floor using the "Aquatop" roller (10mm). Commence work on the side with the main incidence of light (as a rule this is a side of the room where there is a window) and work away from the light source. In this way it will be possible to keep an eye on the floor during work and immediately correct any problems as they arise. Apply the sealer and distribute with the roller, working in sections of a maximum of 1 metre in width at right angles to the incidence of light (i.e. parallel to the window wall) and then roll it out evenly towards the light. Avoid the formation of pools. Unused sealer mix should be occasionally be homogenised by shaking or stirring.

After allowing sufficient time for drying (minimum of 2 hours, however on the same day), apply a second coat of PU sealer mat, however without adding the Antislip additive.

The floor can be walked on if caution is used 24 hours after the application of the final sealer coating. The protective film reaches its final level of hardness after approx. 7 days at room temperature.

Notes:

Once mixed, the mixture of PU Sealer mat, cross linker and additive is suitable for use for approx. 4 hours at the prescribed working temperature of 15-25°C. For this reason, only mix the quantity of sealer that can be processed within this period of time. Where sealer and crosslinker are subjected to higher temperatures, the working time is reduced considerably. In case of cold components, the mixing procedure cannot be performed with sufficient thoroughness. Do not tightly seal the canister containing ready-mixed sealer since the sealer/crosslinker mixture can, in the course of time. React even in the canister resulting in the build-up of reactive gases.

Ensure that there is sufficient ventilation but avoid exposure to drafts and strong sunlight during application and drying processes and protect the surface from dust. Turn off under-floor central heating in good time prior to use.

For surfaces with non-removable factory-applied polyurethane treatment which are fully clean and without residue, priming of the surface with a PU silver pad to remove gloss will suffice instead of thorough cleaning, before application of sealer compound. Consumption: 50g = 1m² per application

Attention

Intensively coloured products (hair colorants, coloured wound disinfectants, etc) and plasticizer migrations (e.g. of rubber) can lead to irreversible discoloration in sealant film, severe mechanical damage to an acceleration in wear. Evidence of abrasion may necessitate partial or full-area repair of the sealer film.

4. Technical Data

pH level (sealer): approx.8.0 (concentrate)
Data on ingredients: Polymers, solvents, additives
pH level (crosslinker): n.a.
Data on ingredients: polyisocyanates, solvents
pH level (antislip additive): n.a
Data on Ingredients: silicates4

Giscode: W3/DD (German product code for surface treatment agents)

Storage Life: 9 months

The crosslinker is subject to the legal stipulations of the EC-Dangerous Preparations Directive and is labelled with hazard symbol "X1" and risk phrases "May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment". Avoid contact of crosslinker and mixed sealer with skin. Wear suitable gloves.

Store PU Sealer Antislip in a dry place in its closed original container at temperatures of between 5°C and 30°C. Keep locked up and out of the reach of children. The crosslinker must not be allowed to come into contact with moisture. Once broken into, re-seal the canister again tightly immediately after removing amounts of the products and use up remaining quantities as quickly as possible.

5. Container Sizes

5.5 litre Combination canister
(5 litre sealer + 0.5 litre crosslinker + 330g antislip additive)

The above advice on procedure for use is based on the best of our knowledge and the latest information available on cleaning technology. For this reason, when using our quality products, no damage will be incurred to the materials to be cleaned if strict attention is paid to the instructions printed on the container and the procedure suggested by us is followed. The use to which our products are put is, however, beyond our control. It is the responsibility of the user and does not release the user from making his own checks of the products supplied by us as to their suitability for the intended procedure and purposes. The information supplied by us is therefore non-binding and cannot be used as a basis for establishing the company's liability for any damaged incurred. This also includes the infringement of any rights for the protection of third parties.

