

UZIN Turbo Protect Plus

Heavy duty 2-component PU sealer for long term protection of resilient floor coverings

MAIN APPLICATION FIELD:

UZIN Turbo Protect Plus is a 2-component waterborne polyurethane resilient floor coating with outstanding durability and excellent resistance to solutions of surface and hand disinfectants. It is ideal for coating new installations or existing resilient floors. For interior use only.

PRODUCT BENEFITS/FEATURES:

- ▶ resilient floor coverings
- ▶ LVT / LVP (Luxury Vinyl Tile / Plank)
- ▶ linoleum (with polyurethane wear layer)
- ▶ VCT (Vinyl Composition Tile)
- ▶ rubber flooring with smoother and light structured surface
- ▶ interior residential (apartments, houses)
- ▶ interior commercial (offices, hospitals, schools, universities, libraries, stores, assisted living)



PRODUCT BENEFITS/FEATURES:

UZIN Turbo Protect Plus is a 2-component waterborne polyurethane resilient floor coating with outstanding durability and excellent resistance to solutions of surface and hand disinfectants. It has been formulated for residential and commercial applications. For interior use.

- ▶ protects the substrate from materials penetrating into the floor
- ▶ for all resilient floorings (smooth and lightly embossed)
- ▶ low cost per m²
- ▶ reduces labour costs because of 1-coat application
- ▶ reduces maintenance costs
- ▶ heavy duty for use in commercial and residential areas
- ▶ fast drying and curing
- ▶ extremely durable surface
- ▶ easy to apply, will not flake, fade or yellow over time



TECHNICAL DATA:

Packaging	Comp. A: 4 l plastic canister Comp. B: 1 l plastic bottle
Colour, wet	milky
Colour, dry	clear matt
Consumption	approx. 45 - 50 m ²
Application temperature	16 - 24 °C
Pot life	approx. 1 hour after Comp. B is added*
Ready for foot traffic	8 - 12 hours*
Final strength	after approx. 7 days* (under optimal application conditions)

*At 21 °C and 65% relative humidity. Coverage is approximate and could vary depending on substrate.



SUBSTRATE PREPARATION:

- ▶ Before using read all instructions and product Safety Data Sheet (SDS) for both components.
- ▶ The floor must be structurally sound, solid, dry, clean and free of all contaminants such as grease, oil, paint and wax. If needed, use UZIN Basic Cleaner to remove contaminants.
- ▶ Use a wet cleaning machine to vacuum the water and residues after cleaning.
- ▶ Clean the floor 2 – 3 times with a microfiber mop and clear water.
- ▶ Surface must be dry before application.
- ▶ Protect all surfaces not to be coated with tape or other materials.

APPLICATION:

1. Before use, allow the contents of the containers to come to room temperature.
2. Shake Component A vigorously for at least 2 minutes before adding Component B.
3. Add Component B to Component A (1 : 4 mixing ratio) and shake immediately and vigorously for at least 2 more minutes.
4. Let the product sit for 5 minutes (important to avoid air bubbles).
5. Pour the mixed product directly onto the floor.
6. Saturate the roller with UZIN Turbo Protect and begin application. Let the roller do the job (don't apply too much pressure). **NOTE: Only use the UZIN Turbo Protect Roller for proper consumption.**
7. Beginning in one direction, apply the sealer with the UZIN Turbo Protect Roller. Cover every part of the floor with the coating. To finish roll over the coating again but at 90 degrees to the previous direction.
8. Approx. 50 m² per canister. Applying the coating too thinly may result in an uneven sheen and streaking.
9. Clean tools with water immediately after use. Dispose of the roller and use a new one with each job.

IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored at 23 °C, in the original packaging. Protect from frost. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- ▶ The curing process takes approximately 7 days. Wait until fully cured before replacing rugs and mats. The floor may be walked on after 8 – 12 hours, but is susceptible to scuffing or marring prior to fully curing. Don't use a cleaning agent until fully cured (only use a dry dust mop if needed).
- ▶ Optimum working conditions are 20 – 25 °C room temperature, minimum floor temperature of 16 °C and relative humidity below 65 %. Low temperatures and high humidity extend, while high temperatures and low humidity shorten the working time.
- ▶ Glides / Protectors should be installed and maintained on all moveable chairs, tables, fixtures and other furniture to protect the coatings from unnecessary scratching.

- ▶ If a second coat is required, technical advice should be obtained.
- ▶ Certified for:
 - chemical resistant according to DIN 68861
 - suitable for toys EN 71-3
 - slip resistant DIN 51130
 - sports flooring DIN 18032

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Comp. A: Requires no special protection or precautions in general use. Comp. B: Contains prepolymerized isocyanates. Harmful by inhalation. May cause allergic skin reactions. May irritate the respiratory tract. Both components: Ventilate well during and after processing. Use skin protection cream and protective gloves/goggles. Avoid contact with eyes and skin. In case of contact with the eyes, rinse immediately with plenty of water and consult a doctor. In case of contact with skin, wash immediately with plenty of water and soap. Observe safety information on product label as well as safety data sheet. Once cured, presents no physiological or ecological risk.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.