

RZ TURBO PROTECT

Solvent-free 2-component laquer (knot varnish) for elastic artificial flooring

Range of application:

Solvent-free 2-component sealing finish for extreme longterm protection of elastic artificial flooring. Provides a very elastic and sturdy protection layer, having very high resistance to heavy mechanical wear and chemical attack.

Suitable for:

- ▶ PVC
- ▶ CV
- ▶ Rubber
- ▶ Linoleum
- ▶ Factory finished elastic floorings

Not suitable for conductive and everent floorings. Applicable in coordination and recommendation of the manufacturer

Note :

Only for the slick user.

Fundamental advisory : Before use, provide alkaline stripping using appropriate machinery (e. g. SDC), to be sure, all dirt and residues are removed.



Product advantages/properties:

- ▶ Solvent free and odourless
- ▶ 2-K-System for uppermost encroachment
- ▶ Wide yield because of high solid content
- ▶ Fast and easy handling
- ▶ Very rapid drying
- ▶ According to main german industry standards DIN 18032 (sport grounds) / Chemical attack resistance as mentioned in DIN 68861 1B, sudor and saliva resistance DIN 51180, (children) toy adequacy DIN EN 71/3
- ▶ Matt and insensible surface

Technical Data:

Packaging	laquer: plastic canister (PE) hardener: plastic bottle (PE)
Shelf life	9 month
Packsize	5 l + 500 ml hardener
Working temperature	15 – 25 °C
Set to foot traffic	after approx. overnight drying*
Final strength	after approx. 7 days*
Lustre value	matt
pH-value	7,2 – 7,8
Giscode	W1 DD
VOC-Gehalt	Threshold according to 2204/42/EG for the product (Kat.A/j) 140g/L (2007/2010) The ready for use product contains 0g/L VOC.
Chem. attack resistance	acc. to DIN 68861/1B
Sports flooring eligibility	acc. to DIN 18 032

domestic area/normal stress:	
Recommended value/layer:	50 ml/m ²
Yield (1L):	approx. 20 m ²
Object area/heavy stress:	
Recommended value/layer:	100 ml/m ²
Yield (1L):	approx. 10 m ²

* under normal climatic conditions

Preparation:

Before application of RZ Turbo Protect the flooring has to be cleaned with a green or brown pad using a single disc machine (rec. RZ Bodenprofi or Wolff Jive), and RZ Grundreiniger / RZ Lino-Grundreiniger.

After hard cleaning, neutralize the floor by using clear water (2 times) and let the floor get dry. The bottom has to be thoroughly clean, dry and fully freed of residues or parting agent. Removable (Temporarily) factory finish has to be removed by all means.

Processing:

1. Before use, allow both containers to come to room temperature and shake well
2. Shake comp. A, then add comp. B to comp. A. Close canister, now containing comp. A and B, then shake vigorously for at least 1 minute. Alternative procedure Decant Component A into a clean bucket, add component B (hardener) and immediately blend thoroughly using suitable mixing equipment. After



RZ TURBO PROTECT

shaking give rest for at least 5 minutes, to get rid of bubbles.

3. Apply a full and even coat of RZ Turbo Protect onto the surface, using the RZ Turbo Roller. In household area use RZ Turbo Roller L (8 mm microfibre, 25 cm wide), for object area use RZ Turbo Roller XL (12 mm Turboroll, 60 cm wide).
4. Ready for walk-on after drying overnight – at least 12 hours, final strength is gained after 7 days (approx.)

Important references:

- ▶ Original packaging stored at 5 – 30°C under uniform dry conditions
- ▶ Keep locked and out of the reach of children
- ▶ Optimum conditions are 18 – 25°C and relative humidity > 35% and < 65%. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the drying time
- ▶ At no circumstance allow the hardener to gain contact to humidity. Tightly reseal opened containers after use
- ▶ Do not close container, having Comp. A and B inside, tightly, to give way to reaction fumes. This mixture has a pot life of 2 hours.
- ▶ Prevent good ventilation, avoid direct infiltration or insolation instead. Turn off screed heating in time.
- ▶ Depending on mechanical influence during utilization the RZ Turbo Protect layer can wear down, get scratched or even become flawed / defective. Because of abrasion there will be need of partly or fully layer

renovation/renewal

- ▶ Please refer to the RZ care and maintenance instructions. If necessary contact our technical staff in advance

Work and environment protection :

GISCODE W1/DD+, waterbased seal with linking agent containing isocyanate, solvent-free. Component A : not labelled. Component B : contains pre-polymerised isocyanate / Xi, irritating to eyes and skin. Sensitisation from inhalation or skin contact is possible. During application, ventilate and use barrier cream, protective gloves and goggles. On contact with skin, wash immediately with plenty of soap and water. On contact with eyes, rinse immediately with water and consult a doctor. Refer to : all applicable regulations for hazardous material, the hazard and safety notes on the container label and the Safety Data Sheet, Product-type-information and "Musterbetriebsanweisung der Bau-PG" for products carrying GISCODE W1/DD+. After gaining final strength odourless, thus ecological and physiological harmless.

Waste disposal :

Where possible, collect product residues and re-use. Do not allow into drains, water courses or landfill. Empty, dripfree plastic containers are recyclable. Containers with liquid residues are Special Waste. Those with mixed, hardened residues are Construction Waste. Collected, liquid residues are Special Waste.

All information given here bases on our knowledge and accurate fact-finding.

By appearance of this product data sheet all previous documents become invalid

10.02.2010