

WAKOL PU 270 Polyurethane Adhesive

Technical Information

Area of application

2-component polyurethane adhesive for bonding

- rubber flooring with smooth or profiled backing
- Outdoor flooring
- PVC flooring

on properly prepared absorbent and non-absorbent subfloors indoors and outdoors.

Special properties



- solvent-free as defined by TRGS 610
- suitable for heavy loads
- waterproof

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
- 2) Emissions class according to French law
- 3) Solvent-free polyurethane laying materials
- 4) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 5) Polish B mark for construction product i.a.w. EN 14259
- 6) Suitable for underfloor heating
- 7) Suitable for exposure to castor wheels

Technical data

Raw material base:	Polyurethane resin Hardening agent
Cleaning agent:	WAKOL RV 105 Neoprene Dilution, before adhesive sets
Mixing ratio:	5,7 parts by weight, component A, + 1 parts by weight, component B
Pot life:	approx. 40 minutes
Airing time:	5 - 70 minutes depending on flooring to be laid

Open time:	approx. 70 - 80 minutes from mixing
Setting time:	The final strength is achieved after approx. 24 - 48 hours
Storage time:	12 months in the sealed container
Storage temperature:	not below +5 °C, sensitive to frost

Application and consumption⁸⁾

TKB A1	approx. 350 - 600 g/m ² Floor coverings with smooth back
TKB A2	
TKB B1	approx. 350 - 600 g/m ² Rubber napped flooring with smooth, polished back
TKB B2	approx. 600 - 700 g/m ² Floor coverings with textured back

Select the notch size according to the back of the floor covering, so as to wet the surface completely.

8) Consumption is dependent on surface structure and absorbability of subfloor.

Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting substances.

Apply appropriate Wakol levelling compounds to severely uneven subfloors. The technical information on the primers and levelling compounds must be heeded.

Usage

Pour full contents of the hardener container (component B) into the container of component A. Intensively mix both components with a suitable stirring implement for at least 3 minutes until a uniform colour is attained and no more streaks can be seen.

Apply the adhesive uniformly with a notched trowel, without letting the adhesive pool. Lay the flooring within the open time and apply a sufficient amount of adhesive to the back of the flooring. Roll rubber flooring again after approx. 2 hours.

The laid areas should not be walked on during the first 4 - 6 hours.

Clean the tools using the WAKOL RV 105 Neoprene Dilution immediately after use. After it has set completely, the adhesive can only be removed by machine.

Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity.

When laying web material, the adhesive must always be given time to react. To do this, please consult the Wakol Application Technology department.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the current national standards must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at www.wakol.com.

This Technical Information of 09.10.2023 supersedes all previous versions.