

WAKOL PU 270 Polyurethane Adhesive

Technical Information

Area of application

Two components polyurethane adhesive for gluing rubber floorings with a smooth or profiled back, outdoor coverings, PVC floorings, Amtico Stratica coverings and ceramic tiles on absorbent and non-absorbent subfloors indoors and outdoors.

Special properties

- Solvent-free*
- Waterproof
- Suitable for chair castors
- Very low in emissions**
- Suitable for heavy loads
- Suitable for underfloor heating

* Solvent-free according to the definition of TRGS 610

** Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as Emission EC1 R: very low in emissions

Technical data

Raw material base:	polyurethane resin and hardener
Cleaning agent:	WAKOL RV 105 before adhesive dries
Mixing ratio:	5,7 weight parts component A + 1 weight part component B
Pot life:	approx. 50 minutes
Method of application: back,	with dented spatula TKB A1 or A2 for floorings with a smooth or with toothed spatula TKB B 2 for floorings with a structured back. Make sure the back of the flooring is fully covered.
Consumption:	approx. 400-600 g/m ² for smooth backs, approx. 1000-1200 g/m ² for structured backs
Airing time:	5 – approx. 70 minutes, depending on the flooring
Laying time:	approx. 70-80 minutes
Setting time:	The final strength is not reached until after about 24-48 hours
Storage temperature:	insensitive to frost
Storage time:	approx. 12 months at room temperature
Giscode:	RU 1
Emissioncode:	EC 1 R

Subfloors

The subfloor and the room climate conditions must satisfy the requirements of DIN 18356. Subfloors must be dry, firm, level, free of cracks, contamination and substances which hinder bonding.

Apply corresponding WAKOL levelling compounds to non-absorbent and uneven subfloors. The technical information on the primers and levelling compounds must be heeded.

Usage

Pour all the contents of the hardener container into the resin container after punching a hole in the bottom and remove hardener container. Mix both components thoroughly for at least 3 minutes with a suitable stirrer until a uniform colour tone is achieved and there are no more smears. The adhesive is applied evenly with a dented spatula avoiding globs of glue. Lay the flooring immediately. The hollow cavities on the back of rubber nap flooring must be completely filled with adhesive. Roll rubber floorings again after about 2 hours.

Do not walk on freshly laid surfaces for the first 4-6 hours. Clean tools immediately after using with WAKOL RV 105. WAKOL PU 270 can only be removed mechanically after bonding.

Important

Do not use below +15°C. In cold weather, warm adhesive in the heated room in due time. When laying flooring sheets, waiting until adhesive starts to react is mandatory. Please contact our technical support.

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 currently applicable codes must be observed. We gladly provide technical advice.

This Technical Information supersedes all previous versions.