

# 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\*
- suitable for chair castors
- suitable for heavy loads
- very low in emissions\*\*
- suitable for underfloor heating
- waterproof

\* solvent-free according to the definition of TRGS 610

\*\* Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS 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 +<br>1 weight part component B                                                                                                                                   |
| Pot life:              | approx. 40 minutes                                                                                                                                                                            |
| Method of application: | with dented spatula TKB A1 or A2 for floorings with a smooth back, 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. 350-600 g/m <sup>2</sup> for smooth backs, approx. 600-700 g/m <sup>2</sup> 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 time:          | 12 months at room temperature                                                                                                                                                                 |
| Storage temperature:   | not sensitive to frost                                                                                                                                                                        |
| GISCODE:               | RU1                                                                                                                                                                                           |
| EMICODE:               | EC1 PLUS 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 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, avoiding adhesive pools. The backing of the flooring must be fully wetted with adhesive. Roll rubber flooring again after approx. 2 hours.

Do not walk on freshly laid surfaces for the first 4-6 hours.

Clean tools immediately after using with WAKOL RV 105 Neoprene Dilution. WAKOL PU 270 Polyurethane Adhesive 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. Follow the laying instructions from the flooring manufacturer and the currently applicable standards and codes, in particular the technical bulletin on 'Polyester and Epoxy Resins' from the Employers' Liability Insurance Association of the Chemical Industry, available from Carl Heymanns Verlag, Cologne. We gladly provide technical advice.

The product data sheets can be found in their latest version at [www.wakol.com](http://www.wakol.com).

This Technical Information of 16.08.2011 supersedes all previous versions.