

Universal Adhesive / Universal Tackifier

# UZIN KE 50 ROLL & TACK

Very low-emission dispersion-based adhesive / tackifier for PVC LVT, PVC and CV floor coverings, and textile floor coverings

## MAIN APPLICATION FIELD:

- ▶ PVC LVT
- ▶ PVC and CV floor coverings, also with textile fleece backing
- ▶ textile floor coverings with latex, fleece and PVC foam backing

## SUITABLE ON / FOR:

- ▶ absorbent and levelled substrates
- ▶ dense and non-absorbent substrates
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ wet shampooing and spray extraction cleaning according to RAL 991 A2
- ▶ suitable for commercial and residential areas



## PRODUCT BENEFITS/FEATURES:

UZIN KE 50 ROLL&TACK is a strong and extremely tacky adhesive with a very long working time. The product can be used as an adhesive or a tackifier. For interior use.

- ▶ very low consumption
- ▶ extremely long working time
- ▶ ergonomic application with roller possible while standing
- ▶ ideal alternative for loose-laid installations



## TECHNICAL DATA:

|                                 |                            |
|---------------------------------|----------------------------|
| Packaging                       | plastic bucket             |
| Pack size                       | 2 kg, 10 kg                |
| Shelf life                      | min. 12 months             |
| Color, wet                      | beige                      |
| Color, dry                      | beige                      |
| Consumption                     | 100 - 220 g/m <sup>2</sup> |
| Open time                       | 20 - 40 minutes**          |
| Working time                    | up to 24 hours**           |
| Minimum application temperature | 15 °C at ground level      |
| Loadable                        | after approx. 24 hours**   |
| Joint sealing                   | after 24 hours**           |
| Final strength                  | after approx. 3 days**     |

\*\*At 20 °C and 65% relative humidity, depending on the type of floor covering and the absorptivity of the substrate.



## SUBSTRATE PREPARATION:

The substrate must be solid, load-bearing, dry, free of cracks, clean and free of substances that impair adhesion (e.g. dirt, oil, grease). The surface must be thoroughly vacuumed. Suitable primers and levelling compounds can be found in the UZIN product overview. The substrate must be checked in accordance with applicable standards and any defects must be reported. Allow the applied primer and levelling compound to dry thoroughly.

The product data sheets of the products used must be observed.

## APPLICATION:

### Application as an adhesive:

1. **Pressure-sensitive method:** Spread the adhesive uniformly with a suitable notched trowel. Immediately pre-wet a roller with the adhesive, then back-roll to flatten the adhesive ridges (the ridges should not be visible). Allow to dry partially according to the application amount, the indoor climate, the absorbency of the substrate and the type of floor covering
2. Install the floor covering within the open time and roll with a heavy floor roller, applying weight against any flooring deformation. Ensure that air is not trapped under the covering. Allow the area to rest for 20 minutes, then roll over again and rub in at the edges and seams.
3. **Wet Set Adhesive Method:** Spread the adhesive uniformly with a suitable notched trowel. Install the floor covering while the adhesive is still wet to ensure full transfer of adhesive onto the backing of the floor covering. Roll and ensure there is no trapped air. Please note that if the floor is laid with wet adhesive, there will be little or no initial tack.
4. Remove adhesive residues while fresh with water.

### Application as a tackifier:

1. Apply the adhesive evenly to the substrate using a suitable roller and allow to air/dry completely (finger test). A paint roller or polyamide roller 18 mm / 12 mm as well as the UZIN nylon plush roller are best suited for this purpose.
2. Install the floor covering within 24 hours\*. Rub in or roll over and apply weight against any flooring deformation. Ensure that air is not trapped under the covering. Allow the area to rest for 20 minutes, then roll over again with a heavy floor roller and rub in at the edges and seams.
3. Remove adhesive residues while fresh with water.

\*A stable bond after 24 hours can only be guaranteed if the tackifier layer has not been contaminated by dust or other substances. It is therefore recommended that the covering is installed as early as possible.

## CONSUMPTION INFORMATION:

| Toothing | Consumption approx.*       |
|----------|----------------------------|
| Roll     | 100 - 150 g/m <sup>2</sup> |
| A5       | 180 - 200 g/m <sup>2</sup> |
| A1       | 200 - 220 g/m <sup>2</sup> |

## IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -6 °C. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- ▶ Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time.
- ▶ Humid substrates may cause secondary emissions and odours. Therefore, ensure the compound is dry before applying the adhesive.
- ▶ Installations onto substrates with old adhesive residues may cause interactions and lead to unpleasant odours. Ideally these should be removed completely. In all situations adhesive residues must be remedied via the use of primers and coatings of compound at least 3 mm thick.
- ▶ Before installing, the floor covering must be adequately acclimatised to the indoor climate and free from tension.
- ▶ In extreme temperature conditions due to direct sunlight, mechanical loads of forklifts etc. or by water coming from above, the use of an alternative product (e.g. UZIN KE 66 HT or UZIN KE 68) is recommended. If in doubt, contact our technical service.
- ▶ Please check the adhesive recommendations (online) or obtain application advice when installing chlorine-free floor coverings.
- ▶ When sealing, cleaning and maintaining the floor covering, products from the UZIN Care range can be used (UZIN Basic Cleaner, UZIN Turbo Protect Plus, UZIN Resilient Care, UZIN Refresher). For further information please refer to the product data sheets.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

## SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ European Model EPD
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

## COMPOSITION:

Polymer dispersions, carbon fibres, preservatives, mineral fillers, additives and water.

## PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Use of barrier cream and ventilation of the work area are recommended. When fully dried, has a neutral odour and presents no physiological or ecological risk. Product contains fibres based on synthetic polymer microparticles (SPM). Keep container tightly closed. Immediately collect spilled material from damaged containers and reuse or dispose of properly. Basic

prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

## **DISPOSAL:**

Where possible, collect product residues and re-use.

Product contains synthetic polymer microparticles (SPM).

Avoid release to the environment. 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.