

Conductive Wet-Set-Adhesive

# UZIN KE 66 L

Dispersion-based adhesive with high shear resistance for resilient and textile floor coverings

**MAIN APPLICATION FIELD:**

- ▶ for rubber in tiles up to 4 mm (e.g. norament® ed/ec)
- ▶ for rubber in sheets and tiles up to 3 mm (e.g. noraplan® ed/ec)

**SUITABLE ON / FOR:**

- ▶ absorbent and levelled 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 industrial locations



**PRODUCT BENEFITS/FEATURES:**

UZIN KE 66 L is a special, conductive adhesive for the installation of rubber in sheets and tiles with short waiting time. With its hard adhesive ridge, UZIN KE 66 L offers the best dimension stability and reduces the formation of pressure marks on the floor covering. For interior use.

- ▶ short waiting time
- ▶ quick drying
- ▶ no slipping of the floor covering during installation
- ▶ distinctive conductive permanence

**TECHNICAL DATA:**

Packaging	plastic bucket
Pack size	14 kg
Shelf life	min. 12 months
Color, wet	light grey
Color, dry	light grey
Consumption	approx. 250 - 450 g/m <sup>2</sup>
Open time	5 - 15 minutes*
Working time	5 - 20 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after 24 hours*
Joint sealing	after 24 hours*
Electrical resistance	according to DIN EN 13 415: < 3 x 10 <sup>5</sup> Ω
Final strength	after 3 days*

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



## EXTENDED APPLICATIONS:

- ▶ for conductive PVC floor coverings in tiles
- ▶ for conductive textile floor coverings

## SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and materials (dirt, oil, grease) that would impair adhesion. The surface must be vacuumed, primed and smoothed. Suitable primers and compounds can be found in the UZIN Product Guide. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Allow the primer and levelling compound to dry completely.

The datasheets for other used products have to be observed.

## APPLICATION:

1. Apply an event coat of adhesive onto the substrate using a suitable notched trowel and allow to dry partially according to the application amount, the indoor climate, the absorbency of the substrate and the type of floor covering. Do not apply more adhesive than can be laid with good transfer onto the back of the covering within the working time.
2. Install the floor covering within a short open time and ensure the adhesive ridge is pressed out. 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 and then roll over again and rub in at edge and seams.
3. Remove adhesive residues while fresh with water.

## CONDUCTION SYSTEM:

Consult the floor covering manufacturer for the conductive system; the following versions are possible:

### With copper tape tag (sheet coverings):

For every 30 m<sup>2</sup> install approx. 1.5 metres of self-adhesive UZIN Copper-Strip to an earth connection point. The distance between individual copper-strip tags must not exceed 7 m.

### With UZIN conductive copper tape:

Install a UZIN copper-strip to the substrate centrally along the length of every sheet width and from wall to wall. Connect the ends of the strips with a cross-strip laid approx. 30 cm from the wall. For every approx. 30 m<sup>2</sup> of area, leave exposed one strip for use as an earth connection point.

**The conductive system must be earthed by an electrician according to VDE regulation.**

## CONSUMPTION INFORMATION:

Coating/Backing	Toothting	Consumption approx.*
Conductive rubber	23 / 80	250 - 280 g/m <sup>2</sup>
Conductive PVC	23 / 80	250 - 280 g/m <sup>2</sup>
Conductive textile floor coverings	23 / TL	350 - 450 g/m <sup>2</sup>

\*At 20 °C and 65% relative humidity with tempered adhesive buckets.

## IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -4 °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.
- ▶ Strong deformation of the roll ends, hanging bays, extremely raised edges or strong curvatures must be weighed down during the adhesion.
- ▶ In extreme temperatures due to exposure from light, heavy mechanical strain from pallet trucks, fork lifts, etc. or when exposed to moisture from above, obtain application advice if in doubt.
- ▶ 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 respect of the applicable national standards (e.g. END, DIN, OE, SIA, etc.)

## SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission

## COMPOSITION:

Polymer dispersion, fibres, preservation agents, mineral aggregates, 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. 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. 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.