

## 1-Component Hybrid Adhesive

# UZIN KE 68

1-component hybrid adhesive for heavy duty

### MAIN APPLICATION FIELD:

UZIN KE 68 is a ready to use and user-friendly 1-component hybrid adhesive. The adhesive with very low emissions is the ideal problem solver in areas with higher demands, e. g. in areas with higher temperatures or with water coming from above in the joints. Furthermore, UZIN KE 68 is suitable in areas with higher mechanical loads, e. g. in front of lifts or in areas loaded with hand pallet trucks. For interior use.

### SUITABLE ON / FOR:

- ▶ for rubber in tiles up to 4 mm (e.g. norament®)
- ▶ for LVT, PVC and CV floor coverings in tiles
- ▶ for linoleum in tiles up to 4 mm thickness
- ▶ for artificial grass or sports floor coverings
- ▶ in combination with UZIN RR 185 and industrial floor coverings
- ▶ on absorbent or non-absorbent substrates
- ▶ on flexible or deformable substrates (underlays, e.g. UZIN RR 188 or UZIN RR 189, wood, on metal substrates, please ask UZIN technical for advice)
- ▶ on warm water underfloor heating systems
- ▶ for exposure to castor wheels in accordance with DIN EN 12 529
- ▶ for heavy wear in residential, commercial and industrial locations
- ▶ for wet shampooing and spray extraction cleaning according to RAL 991 A2



### PRODUCT BENEFITS/FEATURES:

UZIN KE 68 offers high dimensional stability and strength under extreme conditions.

- ▶ Single part - ready to use
- ▶ For installers with PUR or epoxy sensitivity
- ▶ For extreme high temperatures
- ▶ High final bond strength



### TECHNICAL DATA:

Packaging	plastic bucket
Pack size	8.5 kg
Shelf life	min. 12 months
Colour	beige
Consumption	250 - 450 g/m²
Working time	up to 40 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after 24 hours*
Joint sealing	12 - 24 hours*
Final strength	after 3 - 5 days*

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



## SUBSTRATE PREPARATION:

The subfloor must be level, sound, load bearing, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed and levelled thoroughly with a hightensile cementitious compound. Suitable primers and levelling compounds can be found in the UZIN product guide. On flexible substrates, such as mastic asphalt or underlays, smooth as required with the 2-component PUlevelling compound UZIN KR 410 and adhere the covering within 24 to 48 hours. Degrease and abrade dense and smooth substrates and prime with suitable product if necessary. The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported. Always allow primer and levelling compound to dry well all the way through.

Refer to the Product Data Sheets for other products used.

## APPLICATION:

1. Apply adhesive uniformly with suitable notched trowel onto the substrate. Do not apply more adhesive than can be laid with good wetting of the back of the covering within the working time.
2. Lay in the covering, rub down and, after approx. 1 hour, roll. When using dark floor coverings, please watch that there is no adhesive in the joint area.
3. Remove residues while fresh with clothes of UZIN Clean-Box. Hardened adhesive can only be removed mechanically.

## CONSUMPTION:

Type of backing	Notch Size	Consumption*
Smooth	A5 A1	250 – 300 g/m <sup>2</sup> 300 – 350 g/m <sup>2</sup>
Slightly structured	A2	350 – 400 g/m <sup>2</sup>
Linoleum	B1	400 – 450 g/m <sup>2</sup>

## IMPORTANT NOTES:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Frost resistant up to –25 °C. Allow adhesive to reach room temperature before use.
- ▶ Optimum work conditions are 18 – 25 °C, floor temperature above 15 °C and relative air humidity below 65 %. Low temperatures and low air humidity lengthen, whilst high temperatures and high air humidity shorten the drying time.
- ▶ Before bonding floor coverings must be adequately acclimatised and free from tension and must be adapted to the common indoor climate for future use.
- ▶ UZIN KE 68 is suitable for use under goods handling trucks with very heavy loading up to 30 kp/cm<sup>2</sup>.

- ▶ UZIN KE 68 must be protected from alkaline moisture. In areas where water occurs only from the substrate, you have to use e.g. UZIN PE 460 or PE 480 as a moisture barrier below the levelling compound. In areas where water also or only occurs from above, you have to use e.g. UZIN PE 460 or PE 480 as a moisture barrier on the levelling compound.
- ▶ For the applications coating, sealing, cleaning and maintaining the products of UZIN Care can be used to (UZIN Basic Cleaner, UZIN Turbo Protect Plus, UZIN Resilient Sealer, UZIN Resilient Care, UZIN Refresher). For further information please refer the separate product data sheets.
- ▶ For bonding chlorine-free floor coverings, please obtain technical advice.
- ▶ The following standards, regulations and publications are applicable and especially recommended:
  - DIN 18 365 “Working with floor coverings”
  - TKB specification sheet “Assessment and preparation of surfaces for floor covering and wood floor covering”
  - BEB specification sheet “Assessment and preparation of surfaces”
  - TKB specification sheet “Adhesion of elastomeric floor coverings”

## SEALS OF QUALITY & ECOLABELS:

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

## COMPOSITION:

Silane-terminated prepolymers, mineral fillers, additives.

## PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free adhesive containing methoxysilane. Non flammable. Avoid contact with eyes and skin. When curing, produces traces of methanol. Ensure good ventilation during application. Wear protective gloves and safety-goggles. After contact with skin wash with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet. Once cured, has a neutral odour and presents no physiological or ecological risk.

## 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. Therefore collect waste material and allow to harden, then dispose as Construction Waste.