Product Datasheet

1-component stp adhesive

UZIN KE 68

1-component stp, heavy duty adhesive

MAIN APPLICATION FIELD:

- luxury vinyl tiles or design floors
- PVC and CV floor coverings in tiles
- rubber floor coverings in tiles up to 10 mm thickness (e.g. norament®)
- rubber granulate floor coverings or underlays (e.g. Regupol®)
- linoleum in tiles up to 4 mm thickness
- indoor entrance mats
- artificial grass, outdoor or sports floor coverings
- in combiantion with UZIN RR 185 and industrial floor coverings (e.g. Gerflor GTI®)
- Click LVT (obrain UZIN technical advice)

SUITABLE ON / FOR:

- absorbent and non absorbent substrates
- deformable or resilient substrates (e.g. underlay, wood, metal)
- warm water underfloor heating system
- 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 68 is a ready to use and user-friendly 1-comp. hybrid adhesive. The heavy duty adhesive has very low emissions and is the ideal problem solver for demanding areas, e.g. in areas with high temperatures or subject to water from above which may penetrate 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 pallet trucks. For interior use.

- ready to use
- for installers with PUR or epoxy sensitization
- for areas with high temperatures

GEV-EMICODE EC 1 PLUS very low emission

EPD

LEED® CONTRIBUTING PRODUCT

TECHNICAL DATA:

Packaging	plastic bucket
Pack size	14 kg, 8.5 kg
Shelf life	min. 12 months
Color	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	after 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.

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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 residues while fresh with wipes from the UZIN Clean-Box. Hardened adhesive can only be removed mechanically.

CONSUMPTION INFORMATION:

Toothing	Coating/Backing	Consumption approx.*
A5	PVC / smooth	250 - 300 g/m²
A2	Rubber / slightly structured	350 - 400 g/m²
B1	Linoleum / coarse	400 - 450 g/m²

*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 - 25 °C. Carefully and tightly reseal opened containers with the foil 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 low air humidity lengthen the working and drying time. Whilst high temperatures and high 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.
- UZIN KE 68 is suitable for use under vehicles with very heavy loading up to 30 kp/cm² or 3 N/mm².
- 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 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 as a moisture barrier on the levelling compound.
- Please check the adhesive recommendations (online) or obtain application advice when installing chlorine-free floor coverings.
- 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.
- 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. END, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

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

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. 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.

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

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

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