PRODUCT DATA SHEET

1-Component Hybrid Adhesive

UZIN KE 68

1-component hybrid adhesive for heavy duty

Description:

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.

As a special adhesive:

- for rubber in tiles up to 4 mm (e.g. norament®)
- for LVT
- for PVC and CV floor coverings in tiles
- for rubber granulate coverings or underlays (e.g. Regupol®)
- for linoleum in tiles up to 4 mm thickness
- for indoor entrance mats
- for artificial grass or sports floor coverings
- in combination with UZIN RR 185 and industrial floor coverings (e.g. Gerflor GTI®)
- on levelled, 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 service for advice)
- on warm water underfloor heating system
- 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

UZIN ÖKOLINE

GEV-EMICODE EC 1 PLUS very low emission

BLUE ANGEL THE GERMAN ECOLABEL

www.blauer-engel.de/uz113

Product benefits / properties:

UZIN KE 68 offers a high dimension stability and strength, also under extreme conditions.

Composition: Silane-terminated prepolymers, mineral fillers, additives.

- Ready to use
- Good ridge formation
- High temperature stability
- Solvent-free
- EMICODE EC 1 PLUS / very low emission
- RAL-UZ 113 / Environmentally compatible because of low emission

Technical specifications:

Packaging:	Plastic bucket
Pack size:	14 kg
Shelf life:	min. 12 months
Colour wet / dry:	beige
Consumption:	250 – 450 g/m²
Working temperature:	min. 15 °C / 59 °F at floor level
Working time:	up to 40 minutes*
Set to traffic:	after 24 hours*
Final strength:	after 3 – 5 days*
Sealing / filling joints:	after 12 – 24 hours*

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

UZIN | A brand of Uzin Utz Group

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UZIN KE 68

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 high-tensile 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 PU-levelling 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 information:

Type of backing	Notch Size	Consumption*
Smooth	A 5	250 – 300 g/m²
	A 1	300 – 350 g/m²
Slightly structured	A 2	350 – 400 g/m²
Linoleum	B 1	400 – 450 g/m²

* At 20 °C and 65 % relative humidity, with tempered adhesive buckets on UZIN NC 170 LevelStar.

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/cm².
- 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.
- 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"

Protection of the Workplace and the Environment:

Solvent-free adhesive containing methoxysilane. Keep out of the reach of children. When curing, produces traces of methanol. Ensure good ventilation during and after application / drying! Do not eat, drink or smoke during the installation. Wear suitable gloves. After contact with eyes or skin, wash immediately with plenty of water. Do not allow to enter the sewer system, bodies of water or the soil. Clean the tools with water and soap immediately after use. No preservatives added.

Observe safety information on product label as well as safety data sheet. Once cured presents no physiological or ecological risk.

Hotline for allergy information +49 731 4097-0.

EMICODE EC 1 PLUS – Very low emission.

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.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information. The respective updated version of this datasheet can be found on our Homepage under www.uzin.com.