Product Datasheet

Multifunctional Adhesive

UZIN KE 22

Dispersion adhesive for many common resilient coverings, textile coverings and UZIN insulation/ installation underlayment

MAIN APPLICATION FIELD:

- homogeneous and heterogeneous PVC /CV coverings in tiles and sheets
- rubber coverings in sheets up to 4 mm
- PVC LVT
- linoleum in sheets up to 3.2 mm

SUITABLE ON / FOR:

- absorbent, levelled subfloors
- hot water underfloor heating
- load bearing castors according to DIN EN 12 529
- wet shampooing and spray extraction cleaning according to RAL 991 A3
- use with scrubbing machines
- normal wear and tear in residential, commercial and industrial areas



PRODUCT BENEFITS/FEATURES:

UZIN KE 22 is a wet-set dispersion adhesive with short open time and medium working time. For interior use on floors.

- short waiting time
- perfect application properties
- fast tack



TECHNICAL DATA:

Packaging	plastic bucket
Pack size	14 kg
Shelf life	min. 12 months
Color, wet	cream white
Color, dry	cream white transparent
Consumption	230 - 600 g/m²
Open time	5 - 20 minutes*
Working time	10 - 45 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after 24 hours*
Joint sealing	after 24 hours*
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.

GEV-EMICODE EC 1 PLUS very low emission

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UZIN KE 22

EXTENDED APPLICATIONS:

- textile floor coverings with all common backings
- light and dimensionally stable needle felt coverings
- woven goods
- VCT tiles
- Corkment and all UZIN installation / insulation underlayment

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 even 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.

CONSUMPTION INFORMATION:

Toothing	Coating/Backing	Consumption approx.*
A5	Smooth, sanded, e.g. CV coverings, rubber coverings 2 mm	230 - 250 g/m²
A1	Lightly structured, e.g. CV flooring, PVC design flooring	260 - 300 g/m²
A2	Textured, sanded, e.g. PVC flooring, rubber flooring 2.5 - 4 mm, PVC design coverings, quartz vinyl tiles	300 - 340 g/m²
B1	Heavily textured, e.g. textile coverings with fabric backing, needlefelt, Linoleum	360 - 400 g/m²
B2	Coarse, e.g. needlefelt, woven fabric	550 - 600 g/m²

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

FLASH-OFF AND INSTALLATION TIME FOR DIFFERENT TYPES OF COVERINGS:

Floor coverings on levelled substrates	Trowel notch	Open time*	Working time*
Smooth, sanded, e.g. CV coverings, rubber coverings 2 mm	A5	5 - 10 minutes	10 - 35 minutes
Lightly structured, e.g. CV flooring , PVC design flooring	A1	10 - 15 minutes	10 - 35 minutes
Textured, sanded, e.g. PVC coverings, rubber coverings 2.5 - 4 mm, PVC design coverings, quartz vinyl tiles	A2	10 - 15 minutes	10 - 35 minutes
Heavily structured, e.g. textile coverings with fabric backing, needlefelt, linoleum	B1	10 - 20 minutes	10 - 45 minutes
Coarse, e.g. needle felt, woven fabric	B2	10 - 20 minutes	10 - 45 minutes

*At 20 °C and 65% relative humidity.

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -14 °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.

The above information is based on our experience and careful investigations. The variety of associated materials and different constructions 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 floor 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 website under www.uzin.com | 07/2026

- 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 temperatures due to exposure from light, heavy mechanical strain from pallet trucks, fork lifts, etc. or when exposed to moisture from above, a synthetic resin adhesive such as UZIN KR 430 must be used. Obtain application advice if in doubt.
- The space between several linoleum sheets should be as thick as a postcard.
- 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.
- Generally accepted rules of the trade and technology for laying floor coverings, as well as the applicable applicable national standards must be taken into account (e.g. (e.g. EN, DIN, VOB, SIA, etc.). The following standards are also applicable and recommended for special attention are, among others, the following standards and leaflets:

- DIN 18 365 "Floor covering work", ÖNORM B 5236
- TKB/FCIÖ leaflet "Assessment and preparation of substrates for floor covering substrates for flooring and parquet work".
- BEB leaflet "Assessment and preparation of substrates"
- TKB/FCIÖ leaflet "Adhesion of PVC floor coverings".
- TKB/FCIÖ leaflet "Bonding of elastomeric floor coverings"
- TKB/FCIÖ leaflet "Bonding of linoleum floor coverings"
- TKB/FCIÖ leaflet "Bonding of textile floor coverings"

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 dispersion, modified resins, 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. 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. Odorless after complete drying.

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.

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