

Vinyl and Carpet Adhesive

UZIN KE 2428

Dispersion adhesive with very high bond-strength for vinyl and all common textile floor coverings

MAIN APPLICATION FIELD:

Dispersion adhesive for PVC/CV, Lino floor coverings and all common textile floor coverings in interior locations. For fast and reliable installation.

SUITABLE ON / FOR:

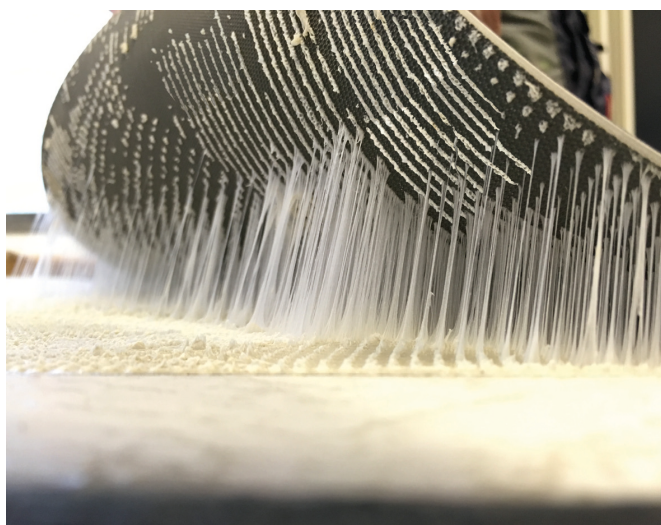
- ▶ PVC and cushioned vinyl flooring
- ▶ carpet and textile coverings with common backings, e.g. synthetic secondary backings, latex-foam, secondary backings made from polyester, polypropylene or mixed fibres, polypropylene fleece and latex-coated, PVC or PU foam backings
- ▶ lightweight needlepunch
- ▶ resilient UZIN insulating underlays
- ▶ prepared, absorbent surfaces
- ▶ for lino in sheets up to 2.5 mm, please consult UZIN Technical
- ▶ Suitable for use on warm water underfloor heating systems
- ▶ for areas exposed to castor wheel use in accordance with DIN EN 12 529
- ▶ for wet-shampoo and spray-extraction cleaning systems.



PRODUCT BENEFITS/FEATURES:

Ready to use, water based dispersion adhesive. Wet-bed adhesive with short open time and excellent bond-strength.

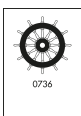
- ▶ Easy to spread
- ▶ Excellent coverage
- ▶ Long working time
- ▶ Excellent grab performance
- ▶ Very high final strength
- ▶ Solvent-free



TECHNICAL DATA:

Packaging	Plastic bucket
Pack size	14 kg
Shelf life	12 months
Colour	cream white
Consumption	250 - 350 g/m ²
Open time	5 - 10 minutes*
Working time	25 - 35 minutes*
Minimum application temperature	15 °C/59 °F at floor level
Loadable	after 24 - 48 hours*
Final strength	after 4 - 5 days*

* Under normal conditions at 20 °C/68 °F.



SUBSTRATE PREPARATION:

The substrate must be level, sound, free from cracks, dry, clean and free from materials that would impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies.

Thoroughly vacuum the surface, then prime and apply smoothing compound. According to type of substrate and occupational use, select suitable primers and smoothing compounds from the UZIN Product Guide.

On non-absorbent or moisture-sensitive substrates, such as mastic asphalt, anhydrite flow-screeds or magnesia screeds, chipboard or existing surfaces, apply smoothing compound to a minimum thickness of 2 mm.

Always allow primer and smoothing compound to dry thoroughly. Refer to the Product Data Sheets for the products used.

APPLICATION:

1. Apply the adhesive evenly onto the substrate using a suitable notched trowel (see "Consumption") and leave a short open time according to quantity applied, climatic conditions and substrate absorbency. Only apply as much adhesive as can be covered within the working time.
2. Lay in the covering, rub down over the whole area and, after approx. 20 minutes, rub down hard again or roll. Ensure good transfer to the backing of the covering.
3. Remove adhesive contamination with water whilst still fresh

CONSUMPTION:

Backing Type	Notch Size	Consumption
Smooth e.g. cushioned vinyl	A1	250 – 300 g /m ²
Lightly structured, e.g. foam-backed carpet, PVC	A2	300 – 350 g /m ²
Heavily textured, e.g. secondary-backed carpet	B1	400 – 500 g /m ²
Coarse, e.g. lightweight needlepunch	B2	550 – 650 g /m ²

IMPORTANT NOTES:

- ▶ Shelf-life of 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Tightly re-seal opened containers and use as quickly as possible.
- ▶ Optimum working conditions are 18 – 25 °C/64 – 77 °F, floor temperature above 15 °C/59 °F, relative humidity below 75 %. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the working, setting and drying times.
- ▶ Prepared surfaces are flat, smooth and absorbent. They reduce adhesive consumption, increase the initial grab and accelerate drying.
- ▶ Especially suitable for textile coverings with impervious or plasticised backings, e.g. PU or PVC foam backings.

- ▶ Hot-weld joints after the adhesive has set, after 24 hours at the earliest and preferably after 48 – 72 hours.
- ▶ UZIN KE 2428 is certificated by the "See-Berufsgenossenschaft" Hamburg to meet the requirements of Marine Equipment module B and module D. Certificates are available on request. Application quantity max. 350 g /m².
- ▶ The following standards and notices are applicable and especially recommended:
 - DIN 18 365 "Working with floor coverings" /publication of the Adhesives Industry Association "Assessment and preparation of subfloors
 - bonding resilient and textile floor coverings" /publication of the Central Association of German Construction Trades (ZDB) "Resilient and textile floor coverings and parquet on heated floor constructions"

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free

COMPOSITION:

Polymer dispersion, 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.