

Universal Adhesive

UZIN KE 2008 Arctic

Frost-resistant dispersion adhesive for PVC and textile floor coverings

Description:

Frost-resistant dispersion adhesive for PVC and textile floor coverings in interior locations.

Suitable for/on:

- ▶ homogeneous and heterogeneous PVC and cushioned vinyl coverings, including with textile felt backings
- ▶ carpets with textile secondary backings (TR), with felt backings, with smooth or profiled foam backings, etc.
- ▶ lightweight, lay-flat needlepunch
- ▶ resilient and textile UZIN insulating underlays
- ▶ use on prepared, level and absorbent surfaces
- ▶ warm water underfloor heating systems and in areas with castor wheel loading in accordance with DIN EN 12 529
- ▶ wet-shampoo and spray-extraction cleaning systems

Product Properties / Benefits:

Ready to use, water-based, dispersion adhesive. Wet-bed adhesive with medium open time, excellent initial grab and final strength. Universally suitable for all kinds of flooring work.



Composition: Modified polyacrylate copolymers with bond-strengthening resins.

- ▶ Frost-resistant to – 25 °C / – 13 °F
- ▶ Wide range of uses
- ▶ Long working time
- ▶ Excellent grab properties
- ▶ High strength
- ▶ Excellent plasticizer resistance
- ▶ Solvent-free

Technical Data:

Packaging:	plastic drum
Packsize:	20 kg
Shelf life:	min. 6 months
Colour:	cream white
Working temperature:	min. 15 °C / 59 °F at floor level
Consumption:	300 – 500 g / m ²
Open time:	10 – 15 minutes*
Working time:	30 – 40 minutes*
Load bearing:	after 24 – 48 hours*
Final strength:	after 3 – 5 days*

* At 20 °C / 68 °F and 65 % relative humidity.

Subfloor Preparation:

The subfloor must be sound, level, dry, free from cracks, clean and free from materials that would impair adhesion.

Test the subfloor in accordance with applicable standards or notices and report any deficiencies.

Thoroughly vacuum the subfloor, then prime and apply smoothing compound. Select suitable primer and levelling compound, according to the type of substrate, covering and occupational use, from the UZIN Product Guide.

For non-absorbent or moisture-sensitive surfaces, such as mastic asphalt, calcium sulphate screeds or existing floor finishes, apply a minimum thickness of 2 mm smoothing compound.

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

Application:

1. Before use, allow the adhesive to come to room temperature (approx. 15 °C/59 °F), apply evenly onto the substrate using a suitable notched trowel (see „Consumption“) and leave an 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:

On prepared surfaces, consumption depends on the backing construction:

Backing Type	Notch Size	Consumption
Smooth	A 1	300 – 350 g / m ²
Lightly structured	A 2	350 – 400 g / m ²
Textile construction	B 1	450 – 500 g / m ²

Important Notes:

- ▶ Shelf-life minimum 6 months in original packaging when stored in relatively cool conditions. Frost-resistant to – 25 °C / – 13 °F. 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.
- ▶ Hot-weld joints after the adhesive has set, after 24 hours at the earliest and preferably after 48 – 72 hours.
- ▶ 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".

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

Disposal:

Where possible, collect all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic 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.