

# PRODUCT DATA SHEET

Fibre-Reinforced Wet Adhesive

# UZIN KE 66



Highly shear-resistant PVC and rubber adhesive with hard adhesive ridges with maximum requirements on room air quality

## Description:

Resin-free wet-bed dispersion adhesive for PVC and rubber floorings on absorbent surfaces. With very low open time, easy application and excellent suction, e.g. when installing design boards. Reduces the residual indentation of elastic flooring to a minimum. For interior use.

Suitable for:

- ▶ PVC/CV flooring in sheets or tiles
- ▶ sheet and tile rubber flooring up to 4 mm with smooth or hammered surface, e.g. norament®, noraplan® or noraplan® acoustic
- ▶ PVC design flooring
- ▶ heavy wear use in domestic, commercial and industrial locations, e.g. hospitals, highly frequented shopping centres, industrial buildings, etc.
- ▶ exposure to castor wheels in accordance with DIN EN 12 529

Suitable on:

- ▶ level, absorbent, primed surfaces
- ▶ warm water under-floor heating systems



Offers highest possible protection against emissions and contributes in creating a healthy living environment.

Was awarded the "Blue Angel" for low-emission floor covering adhesives and other adhesives in compliance with RAL-UZ 113.



## UZIN ÖKOLINE



## Product Properties / Benefits:

The highly shear-resistant dispersion adhesive contributes greatly in minimizing open joints, e.g. for PVC design floor coverings. The resin-free dispersion adhesive is absolutely free from any unpleasant odours, even during application.

Composition: Polystyrene polyacrylate dispersions, thickening, wetting and defoaming agents and preservatives, fibres, mineral fillers, water.

- ▶ Odourless during and after application
- ▶ High shear resistance
- ▶ Low to no open time
- ▶ Good suction
- ▶ Prevents open joints, e.g. with PVC design floor coverings
- ▶ Solvent-free
- ▶ EMI CODE EC 1 R/very low emission
- ▶ RAL UZ 113/environmentally friendly, due to very low emissions

## Technical Data:

Packaging:	plastic drum
Packsize:	14 kg
Shelf life:	min. 12 months
Colour:	cream white
Consumption:	200 – 280 g / m <sup>2</sup>
Minimum working temperature:	15 °C / 59 °F on floor
Ideal working temperature:	18 – 25 °C / 64 – 77 °F on floor
Open time tiles, planks:	5 – 10 minutes*
Open time sheet coverings:	15 – 25 minutes*
Laying time:	approx. 10 minutes*
Set to traffic:	after 24 hours*
Final strength:	after 3 days*
Welding / sealing joints:	after 24 hours*

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

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## Substrate preparation:

The substrate must be sound, level, dry, free from cracks and free of dust that may impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies. Thoroughly vacuum the surface and apply primer and smoothing compound. According to substrate, covering and occupational use, select suitable primers and smoothing compounds from the UZIN Product Guide.

On non-absorbent or moisture-sensitive substrates, as new mastic asphalt or sealed substrates 2 mm (rubber flooring 3 mm), new calcium sulphate screeds 1 – 2 mm (rubber flooring 2 mm) and existing substrates, apply smoothing compound to a minimum thickness of 2 mm. Always allow primers and smoothing compounds to dry thoroughly. Refer to the Product Data Sheets for other products used.

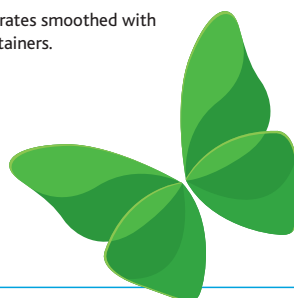
## Application:

1. Apply adhesive evenly to substrate with special notched trowel blade (see "consumption data") and leave an open time according to the application quantity, climatic conditions, substrate absorbency and type of covering. Only apply as much adhesive as can be covered within the working time and with good transfer to the backing of the covering. Lay in covering with short open time, the adhesive ridge has to be impressed.
2. Lay in covering, rub down completely once, e.g. rubber with felt and handle (e.g. Wolff art. 13614) and ensure that head ends and unlevel edges are de-stressed prior to laying to prevent any tension of the covering. Take care to deal with extreme covering deformations. Do not allow any air to enter beneath the covering. Allow the surface to rest for 20 minutes and then roll over again and rub at the edges and joint areas.
3. Remove adhesive residues in fresh condition with pressure-free warm water.

## Consumption data:

Covering type / Backing type	Notch trowel	Consumption*
Rubber sheets and tiles up to 4 mm	A 2	ca. 280 g / m <sup>2</sup>
PVC design coverings PVC coverings	A 2	ca. 280 g / m <sup>2</sup>
CV flooring	A 2/A 1	200 – 280 g / m <sup>2</sup>

\* At 20 °C / 68 °F and 65 % relative humidity, on substrates smoothed with UZIN NC 170 LevelStar and tempered adhesive containers.



## Important notes:

- ▶ Original container can be stored for at least 12 months with moderate, cool storage. Protect against frost. Carefully and tightly reseal opened packaging and use the contents as quickly as possible. Allow adhesive to come to room temperature before processing.
- ▶ Optimum conditions are 18 – 25 °C / 64 – 77 °F, ground temperature about 15 °C / 59 °F and relative humidity below 65 %. Low temperatures and high humidity levels extend the laying, setting and drying times, while high temperatures and low humidity levels shorten them.
- ▶ Moist substrates can result in secondary emissions and odours. Therefore process only on well dried-out substrates and pay attention to maximum and thorough drying of the levelling compound, also in case of smoothed substrates.
- ▶ Direct bonding on old adhesive residues can lead to interactions, and with that to unpleasant odour development. Therefore it is ideally recommended to remove old layers. In any case, however, old adhesive residues should be reworked with a blocking primer and smoothed over the entire surface with a self-leveling compound of sufficient thickness (generally 3 mm).
- ▶ The coverings must be sufficiently de-stressed, acclimatized and adapted to the room climate which will prevail in later use.
- ▶ Ensure that severe roll-end deformation, buckling or squeeze wrinkles, edges sticking up to an extreme degree or covering curvature, are dealt with during bonding.
- ▶ In the event of extreme temperatures due to solar radiation, intense mechanical stress by lift truck, forklift, etc. or moisture from above, please use a 2-component polyurethane adhesive e.g. UZIN KR 430. If necessary, 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 flooring installation"
  - BEB specification sheet "Assessment and preparation of surfaces"
  - TKB specification sheet "Adhesion of PVC floor coverings"
  - TKB specification sheet "Adhesion of elastomeric floor coverings"

## Protection of the Workplace and the Environment:

Solvent-free. Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended. Keep out of the reach of children. Do not eat, drink or smoke during the installation. After contact with eyes or skin, wash immediately with plenty of water. Do not allow dispersal into drains, sewers or ground. Rinse tools with water and soap immediately after use.

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. **Product contains isothiazolinones.** Hotline for allergy information +49 (0)731 4097-0.

## Disposal:

Where possible, collect all product residues 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 or Household Waste.