

Linoleum Adhesive

UZIN LE 2401

Dispersion adhesive for linoleum

Description:

Dispersion adhesive for linoleum floor coverings in indoor locations.

Suitable for/on:

- ▶ sheet linoleum up to 4 mm thickness
- ▶ bonded cork-linoleum floor coverings
- ▶ Korkment underlays
- ▶ bonding linoleum onto previously installed Korkment
- ▶ some lightweight, "lay-flat" textile coverings
- ▶ level, absorbent, prepared surfaces
- ▶ floor-change system UZIN Multibase
- ▶ normal wear situations in domestic-, commercial- and industrial-locations
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ wet-shampoo and spray-extraction systems

Product Properties / Benefits:

Ready-to-use, water-based dispersion adhesive. Wet-bed adhesive with rapid strength development, good filling capacity, hard-flexible adhesive bond and good dimensional stability.

Due to its easy-spread properties and short open time, this linoleum adhesive combines all the advantages for economical and efficient linoleum installation.



Composition: Modified polyacrylate copolymers with bond-strengthening resins.

- ▶ Easy to apply
- ▶ Short open time
- ▶ High heat resistance
- ▶ Very rapid initial grab
- ▶ Excellent dimensional stability
- ▶ Solvent-free

Technical Data:

Packaging:	plastic drum
Packsize:	14 kg
Shelf-Life:	min. 12 months
Colour:	beige
Consumption:	350 – 550 g / m ²
Working temperature:	min. 15 °C / 59 °F at floor level
Open time:	0 – 10 minutes*
Working time:	approx. 30 minutes*
Load bearing:	after 24 – 48 hours*
Hot-weld joints:	after 24 – 48 hours*
Final strength:	after 4 – 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. Apply the adhesive evenly onto the substrate with a B1 notched trowel and allow an open time according to the adhesive quantity, climatic conditions and surface absorbency. Only apply as much adhesive as can be covered within the working time.
2. Lay the linoleum, with both edges trimmed, into the wet adhesive and rub well down. Do not trap any air under the covering. Roll back the roll ends and edges before laying in order to relieve stresses in the material. Ensure good adhesive transfer to the backing. Cut out any bight-marks; alternatively, roll well or apply weights.
3. After approx. 10 – 20 minutes, roll with a linoleum roller. If necessary, rub down again or repeat rolling over joints, ends and any hollow spots, or apply weights overnight. Leave hot-welding or sealing of joints for at least 24 hours*.
4. Remove any adhesive contamination whilst still fresh using water.

Consumption:

Backing	Trowel Notch	Consumption*
Linoleum	B1	350 – 450 g/m ²
coarse needle felt	B2	450 – 550 g/m ²

* At 20 °C/68 °F and 65 % relative humidity on prepared surfaces and with acclimatised adhesive containers.

Important Notes:

- ▶ Shelf life min. 12 months in original packaging when stored in cool and dry conditions. Protect from frost. Tightly reseal opened containers and use the contents as quickly as possible. Before use, allow the adhesive to come to room temperature.
- ▶ Optimum working conditions are 18 – 25 °C / 64 – 77 °F, floor temperature above 15 °C / 59 °F and relative humidity below 75 %. Low temperatures and high humidity lengthen, whilst high temperatures and low humidity shorten the working-, setting- and drying- times.
- ▶ Damp substrates can lead to secondary emissions and odours. Therefore, only apply on well dried substrates and, on prepared surfaces, ensure best possible drying of the smoothing compound.
- ▶ Before adhering, coverings must be adequately relaxed, acclimatised and matched to the normal climatic conditions expected during later use.
- ▶ When installing linoleum, it must be ensured that a gap of approx. 1 mm is left between the individual widths. Polemarks must be cut out or be installed using special treatment.
- ▶ In the case of high exposure, e.g. to heavy loading from goods handling equipment or fork-lift trucks, to direct sunlight or sources of heat, or where moisture can be expected over the joints in the covering, other adhesives should be used. Obtain technical advice.
- ▶ The following standards and notices are applicable and especially recommended:
 - DIN 18 365 "Working with floor coverings"
 - Publication by the Adhesives Industry Association "Assessment and preparation of substrates – adhesion of resilient and textile floor coverings"
 - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation"
 - BEB publication "Assessment and preparation of substrates"
 - TKB publication "Bonding of linoleum floor coverings"

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. 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.

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 buckets 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.