

Lino Adhesive

# UZIN LE 42

Thread-drawing, fast dispersion adhesive for linoleum in sheets and panels, cork linoleum and corkment

## Application areas:

Thread-drawing dispersion adhesive containing resin for linoleum on absorbent substrates. Wet adhesive with short drying time, fast and strong setting characteristics and high strength development for all linoleum floor coverings. For interior use.

Suitable for:

- ▶ linoleum floor coverings in sheets and panels up to 4 mm
- ▶ corkment underlays and for the fitting of linoleum to glued corkment underlays
- ▶ high stresses in residential, commercial and industrial areas, e.g. in hospitals, busy shopping centres etc.
- ▶ stresses from castors to DIN EN 12 529

Suitable for use on:

- ▶ even, absorbent and levelled substrates
- ▶ warm water underfloor heating



## Product benefits / properties:

UZIN LE 42 is a lino adhesive with high initial adhesion and good dimensional stability. It is functional and convenient in application and gives the fitter reliability when laying linoleum.

Constituents: Modified polyacrylate-copolymers, resins and resin esters of natural origin, thickening, covering, anti-foaming and preservative agents (Isothiazolinone), other additives and mineral fillers, water.

- ▶ Good spreading characteristics
- ▶ Low drying time
- ▶ Reliability due to thread-drawing
- ▶ Strong and fast setting characteristics
- ▶ Solvent-free

## Technical data:

Packaging:	plastic bucket
Package size:	17 kg
Shelf life:	min. 12 months
Colour:	cream
Consumption:	400 – 480 g/m <sup>2</sup>
Minimum working temperature:	15 °C / 59 °F at floor level
Ideal working temperature:	18 – 25 °C / 64 – 77 °F at floor level
Drying time:	0 – 10 minutes*
Open time:	approx. 35 minutes*
Load-bearing:	after 24 hours*
Final strength:	after 3 days*
Seam joining:	after 24 hours*

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

## Substrate preparation:

The substrate must be firm, dry, level, free of cracks, clean, load-bearing and free of any materials which might adversely affect the adhesion. Test substrates in accordance with applicable standards and notices, and reporter reservations in the event of faults. Vacuum, prime and level the surface thoroughly. Use suitable primers and levelling compounds from the UZIN product range, depending on the substrate, floor covering and anticipated stress.

Non-absorbent or moisture-sensitive substrates such as new mastic asphalt screeds, sealed substrates or old substrates should be levelled at least 2 mm thick, new calcium sulphate screeds at least 1–2 mm. Always allow primers and levelling compounds to dry out thoroughly. Observe the product data sheets of the other products and floor coverings used.

## Application:

1. Apply the adhesive evenly to the levelled substrate using a toothed spatula TKB B 1 (see "Consumption data") and allow to dry according to the application quantity, room climate, substrate absorbency and covering type. Only apply as much adhesive as can be covered during the open time with good coverage of the rear side of the covering. Lay the covering with short drying time, the adhesive must be compressed.
2. Lay the covering over the full surface, rolling down 1 x and level ends or uneven edges before laying in order to even out stresses in the floor covering. Rework areas of sagging, ends and seams after 20 minutes or weight down. Do not trap any air under the floor covering.
3. Remove any remains of adhesive while still fresh with clean, warm water.

## Consumption data:

Covering type/backing	Notch size to TKB	Consumption*
Linoleum in sheets and panels, corkment underlays, linoleum composite coverings, linoleum on corkment underlays	B 1	400 g/m <sup>2</sup>

\* At 20 °C/68 °F and 65 % relative humidity, on substrates levelled with UZIN NC 170 LevelStar and adhesive at laying temperature.

## Important instructions:

- ▶ Can be stored in the original container for at least 12 months at cool temperatures. Protect against frost. Seal opened containers tightly and use the contents as quickly as possible. Allow the adhesive to come up to room temperature before application.
- ▶ Best applied at 18–25 °C / 64–77 °F, floor temperature above 15 °C / 59 °F and relative humidity below 65%. Laying, setting and drying times will be increased by low temperatures and high humidity, and reduced by high temperatures and low humidity.
- ▶ Damp substrates can lead to secondary emissions and odours. Apply only to thoroughly dried substrates, and ensure thorough drying of the levelling compound even on levelled substrates.
- ▶ Floor coverings must be adequately acclimatised to the normal room climate expected during later use before laying.
- ▶ Weight down any severe deformation of the roll ends, areas of sagging, projecting edges or severe arching of the covering during laying.
- ▶ In case of extreme temperature stress due to the effects of sunlight, severe mechanical stresses caused by lift trolleys or forklifts or similar, or exposure to moisture from above, a suitable 2-K PUR adhesive should be used, e.g. UZIN KR 430. Obtain application technology advice if necessary.
- ▶ Observe the generally accepted rules of the trade and the technology for the laying of floor coverings of the relevant applicable national standards (e.g. EN, DIN, VOB, OE, SIA, etc.). The following standards and notices are also recommended:
  - DIN 18 365 "Floor covering work"
  - TKB Notice "Assessment and preparation of substrates for floor covering and parquet work"
  - BEB Notice "Assessment and preparation of substrates"
  - TKB Notice "Adhesive fitting 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. 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 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.