

Linoleum Adhesive

# UZIN LE 43

Strong and rapid dispersion adhesive for linoleum sheets and tiles, cork linoleum and korkment

## Areas of application:

Resin containing, dispersion-based adhesive for linoleum on absorbent substrates. A wet adhesive with short open which produces a rapid and extremely strong bond with all types of linoleum coverings. For interior use only.

Suitable for:

- ▶ Linoleum floor covering in sheets and tiles up to 4 mm
- ▶ Korkment substrates as well as bonding linoleum on bonded korkment substrates
- ▶ normal wear in residential, commercial and office areas
- ▶ traffic from chair castors according to DIN EN 12 529

Suitable for use on:

- ▶ flat, absorbent and levelled substrates
- ▶ hot water underfloor heating

## Product benefits / features:

UZIN LE 43 is a lino adhesive with high initial bonding strength and good dimensional stability. Provides contractors with confidence when installing lino in construction sites because it is extremely reliable and consistent.



**Ingredients:** Modified polyacrylic copolymers, resins and resin esters of plant origin, thickener, wetting agent, anti-foaming agent and preservative (isothiazolinones), other additives and mineral fillers, water.

- ▶ Easy to spread
- ▶ Excellent grab performance
- ▶ Short open time
- ▶ Fast and reliable adhesion
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS/very low-emission

## Technical data:

Packaging:	Plastic bucket
Packsize:	14 kg
Shelf life: min.	12 months
Colour:	cream-white
Consumption:	350 – 400 g/m <sup>2</sup>
Working temperature:	min. 15 °C at ground level
Open time:	0 – 10 minutes*
Working time:	10 – 35 minutes*
Set to traffic:	after 24 hours*
Final strength:	after 3 days*
Seam sealing:	after 24 hours*

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

## 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.

Ensure primers and smoothing compounds are completely dry before use. Refer to the Product Data Sheets for the products used as well as the floor covering.

## Processing:

1. Apply the adhesive evenly onto the substrate using a B1 notched trowel 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. Install the floor covering, rub down over the whole area and after approx. 20 minutes, rub down hard again or roll. Ensure that air is not trapped under the covering.
3. Remove adhesive residues while fresh with warm water.

## Consumption information:

Type of floor covering / backing	Notch size according to TKB	Consumption*
Linoleum as sheets, cork linoleum, korkment, linoleum on korkment	B 1	350 – 400 g/m <sup>2</sup>

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

## Important notes:

- ▶ Shelf life min. 12 months in original packaging when stored in moderately cool conditions. Frost-resistant to –2 °C. Tightly re-seal opened containers and use the contents as quickly as possible. Allow adhesive to reach room temperature before processing.
- ▶ Optimum working at 18 – 25 °C, floor temperature over 15 °C and relative humidity below 65 %. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the installation, setting and drying time.
- ▶ Moist substrates may cause secondary emissions and odours. Therefore, only apply on well dried substrates and, on prepared surfaces, ensure best possible drying of the smoothing compound.
- ▶ Direct bonding on old adhesive residues can cause interactions and lead to unpleasant odour. Old layers should therefore ideally be removed. In all cases, adhesive residues need to be reworked with a barrier primer and levelled generously with a self-levelling compound at sufficient thickness (usually 2 mm).
- ▶ Before adhering, coverings must be adequately relaxed, acclimatised and matched to the normal climatic conditions expected during later use.
- ▶ Prevent extreme deformation of roll ends, marks, raised edges or warped coverings during bonding.
- ▶ Consult technical advice if the floor covering is exposed to extreme temperatures from sunlight, heavy mechanical loads from trucks, fork lifts, etc. or if moisture is introduced from above.
- ▶ Use UZIN KE 603 2-component dispersion adhesive / dispersion-cement adhesive for areas that experience heavy loads, e. g. industrial halls with fork lift or pallet truck traffic.
- ▶ The distance between individual linoleum sheets should be the thickness of a postcard.
- ▶ Observe the generally acknowledged rules of the trade and technology for the installation of floor covering as well as the respective applicable national standards (e. g. EN, DIN, VOB, Austrian Ö-Norm, SIA, etc.). The following standards and supporting information and are recommended for special attention:
  - DIN 18 365 "Working with floor coverings"
  - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation"
  - BEB Bulletin "Assessment and preparation of substrates"
  - TKB publication "Bonding of linoleum floor covering"

## Protection of the workplace and the environment:

Solvent-free. The use of skin protection lotion as well as ventilation of the work spaces is always recommended.

EMICODE EC 1 PLUS – "Very low-emission" – tested and classified according to GEV guidelines. To the best of current knowledge, does not emit any relevant emissions of formaldehyde, harmful substances or other volatile organic compounds (VOCs). Odourless as well as ecologically and physiologically harmless when fully dried. The basic prerequisites for optimal room air quality after floor covering work consist of installation conditions conforming to standards and well-dried substrates, primers and levelling compounds.

## Disposal:

Collect and reuse product residues wherever possible. Do not dispose of into the sewer system, open water or the soil. Plastic containers emptied or scraped clean and no longer dripping from any residues can be recycled. Containers with liquid residues are classified as special waste, as are collected liquid product residues. Containers with solidly dried residues are construction waste.