PRODUCT DATA SHEET

Universal Textile Adhesive

UZIN UZ 57

Universal adhesive for all resilient and textile floor coverings

Description:

UZIN UZ 57 is a very low emission dispersion adhesive with strong thread formation, excellent tack and high final strength. The adhesive is also suitable for textile floor coverings difficult to lay. For interior use.

As a special adhesive:

- for textile floor coverings with all common types of backing
- for woven goods, dimensionally stable needle punch and natural fibre coverings with latex and woolfelt backings
- for extremely stiff textile coverings
- for PVC and CV floor coverings with fleece backing

- on absorbent and levelled substrates
- on all UZIN insulation and installation underlays
- on warm water underfloor heating system
- for exposure to castor wheels in accordance with DIN EN 12 529 from 1 mm thickness of levelling compound
- for normal wear in domestic locations (e.g. schools, restaurants)
- suitable for wet shampooing and spray extraction cleaning according to RAL 991 A2

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

0736

GEV-EMICODE EC 1 PLUS very low emission

DER BLAUE ENGEL weil emissionsarm schützt UMWELT und GESUNDHEIT

Product benefits / properties:

UZIN UZ 57 offers a wide application area and the processor is assured of a fast and reliable installation of textile floor coverings.

Composition: Modified polyacrylate copolymers, resins and resin esters of vegetable origin, thickening-, wetting- and defoaming agents and preservatives (isothiazolinone), other additives, mineral fillers, water.

- Very easy to spread
- Fast tack
- Distinctive thread formation
- High initial and final strength
- Solvent-free
- EMICODE EC 1 PLUS / Very low emission
- RAL-UZ 113 / Environmentally compatible because of low emission

Technical Data:

Packaging:	Plastic bucket
Packsize:	14 kg
Shelf life:	minimum 12 months
Colour wet / dry:	cream-white / cream-white
Consumption:	300 – 550 g/m²
Working temperature:	min. 15 °C at floor level
Open time:	5 – 15 minutes*
Working time:	approx. 20 minutes*
Set to traffic:	after 24 hours*
Final strength:	after 3 days*

* At 20 °C and 65 % relative humidity, depending on type of floor covering and absorbency of the substrate.

UZIN | A brand of Uzin Utz Group

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UZIN UZ 57

Substrate Preparation:

The subfloor must be sound, load bearing, level, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed and levelled thoroughly. Suitable primers and levelling compounds can be found in the UZIN product guide. The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported. Always allow primer and levelling compound to dry well all the way through.

Refer to the Product Data Sheets for other products used.

Application:

1. Apply adhesive uniformly with suitable notched trowel onto the substrate and allow to dry partially according to the application amount, the indoor climate, the absorbency of the substrate and the type of floor covering. Do not apply more adhesive than can be laid with good wetting of the back of the covering within the working time.
2. Install the floor covering with short open time; the adhesive groove should be pressed out. Rug in or roll out or apply weight against extreme flooring deformation or mill first. Allow the area to rest for 20 minutes and then roll out again or rub in at edge and seam area.
3. Remove adhesive residues while fresh with water.

Consumption:

Type of backing	Notch Size	Consumption*
Smooth, lightly structured, e.g. textile coverings with foam backing	A 2	300 – 350 g/m²
Heavily structured, e.g. secondary backed textile coverings	B 1	350 – 450 g/m²
Coarse structured, e.g. woven goods	B 2	500 – 550 g/m²

* At 20 °C and 65 % relative humidity, with tempered adhesive buckets on UZIN NC 170 LevelStar.

Important Notes:

- Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Frost-resistant up to – 4 °C. Carefully and tightly reseal opened buckets and use the content as quickly as possible. Allow adhesive to reach room temperature before use.
- Optimum work conditions are 18 – 25 °C, floor temperature above 15 °C / 59 °F and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and high air humidity shorten the drying time.
- Humid substrates may cause secondary emissions and odours. Therefore a good drying of the levelling compound must be observed on levelled substrates.
- Direct bonding on old adhesive residues can cause interactions and lead to unpleasant odour. Therefore old layers should ideally be removed. In all cases adhesive residues must be reworked with a barrier primer and levelled generously with a self-levelling compound at sufficient thickness (usually 3 mm)
- Before bonding floor coverings must be adequately acclimatised and free from tension and must be adapted to the common indoor climate for future use.
- Strong deformation of the roll ends, hanging bays, extremely raised edges or strong curvatures must be complaint during the adhesion.
- Vertical bonding of soft materials can carried out effortlessly with UZIN UZ 57. Apply the adhesive to the prepared wall surface using a lambswool roller, immediately comb through with the appropriate notched trowel and leave to develop tack. Lay in the covering and rub down. If necessary, fix at the upper edge with contact adhesive.
- 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 floor covering"
  – BEB specification sheet "Assessment and preparation of surfaces"
  – TKB specification sheet "Adhesion of textile floor coverings"

Protection of the workplace and the environment;

Solvent-free. The use of skin protection lotion is always recommended. Store out of reach from children. Provide thorough ventilation during and after processing / drying! Avoid eating, drinking and smoking while processing the product. In the event of contact with the eyes or skin, rinse thoroughly and immediately with water. Do not allow to enter the sewer system, bodies of water or the soil. Clean the tools with water and soap immediately after use.

EMICODE EC 1 PLUS – very low emission. Within the scope of current knowledge, gives off no emissions or formaldehyde, hazardous materials or volatile organic compounds (VOC). 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. **Product contains isothiazolinones. Information for persons with allergies is available at +49 (0)731 4097-0 (Germany).**

Disposal:

Collect product residues wherever possible and reuse. Do not allow to enter the sewer system, bodies of water or the soil. Plastic containers emptied or scraped clean and no longer dripping from any residues can be recycled. Containers with liquid residues as well as collected liquid product residues are special waste. Containers with cured residues are construction waste / domestic waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information. The respective updated version of this datasheet can be found on our Homepage under www.uzin.com.