

Universal Carpet Adhesive

UZIN UZ 57

Strong dispersion-based adhesive for all types of textile floor coverings

MAIN APPLICATION FIELD:

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

SUITABLE ON / FOR:

- ▶ absorbent, levelled substrates
- ▶ all UZIN insulation and installation underlays
- ▶ warm water underfloor heating
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ wet shampooing and spray extraction cleaning according to RAL 991 A2
- ▶ normal loads in commercial and object areas



PRODUCT BENEFITS/FEATURES:

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

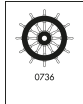
- ▶ very easy to spread
- ▶ fast grab
- ▶ distinctive thread formation



TECHNICAL DATA:

Packaging	plastic bucket
Pack size	14 kg
Shelf life	min. 12 months
Color, wet	cream white
Color, dry	cream white
Consumption	300 - 550 g/m ²
Open time	5 - 15 minutes*
Working time	approx. 20 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after approx. 24 hours*
Final strength	after approx. 3 days*

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



SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. The surface must be vacuumed, primed and levelled thoroughly. Suitable primers and levelling compounds can be found in the UZIN Product Guide. Test the substrate in accordance with applicable standard and notices and report concerns in case of defects. Allow applied primer and levelling compound to dry completely. The datasheets for other used products have to be observed.

APPLICATION:

1. Apply adhesive uniformly with a 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 backing of the covering within the working time
2. Install the floor covering after short open time, the adhesive groove should be pressed out. Rug in, 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 INFORMATION:

Toothings	Coating/Backing	Consumption approx.*	IMO**
A2	Smooth, lightly structured, e.g. textile coverings with foam backing	300 - 350 g/m ²	Yes
B1	Heavily structured, e.g. secondary backed textile coverings	350 - 450 g/m ²	No
B2	Coarse structured, e.g. woven goods	500- 550 g/m ²	No

*At 20 °C and 65 % relative humidity with tempered adhesive buckets.

** Max. permissible consumption up to 400 g/m² in shipbuilding (IMO)

IMPORTANT NOTES:

- ▶ Shelf life minimum 12 months in original packaging when stored in moderately cool conditions. Frost-resistant up to -4 °C. Carefully and tightly re-seal opened containers and use the contents quickly. Allow containers to come to room temperature before use.

- ▶ Optimum work conditions are 18 - 25 °C, floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and high air humidity lengthen, high temperatures and low air humidity shorten the working and 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 weight down during the adhesion.
- ▶ Vertical bonding of soft materials can be 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.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of floor covering of the respective applicable national standard (e.g. EN, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emissions
- ▶ ECO₂ CHOICE
- ▶ European Model EPD
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Polymer dispersion, modified resins, preservation agents, mineral aggregates, additives and water.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. 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. When fully dried 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, Bronopol. Hotline for allergy information +49 731 4097-0.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free 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.