

Premium Carpet Adhesive

UZIN UZ 88

Highly shear-resistant carpet and linoleum adhesive with hard adhesive ridge

MAIN APPLICATION FIELD:

- ▶ all types of textile floor coverings
- ▶ natural fibre floor coverings of sisal, coconut palm and jute, each with coated or latex backing
- ▶ linoleum in sheets up to 4 mm thickness
- ▶ all UZIN insulation and installation underlays
- ▶ matt grinded PUR levelling compound UZIN KR 410
- ▶ PVC and CV floor coverings in sheets and tiles
- ▶ LVT and design flooring
- ▶ rubber in sheets up to 2 mm / in tiles up to 4 mm thickness

SUITABLE ON / FOR:

- ▶ absorbent and levelled substrates
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ wet shampooing and spray extraction cleaning according to RAL 991 A2
- ▶ heavy wear in commercial and industrial locations



PRODUCT BENEFITS/FEATURES:

UZIN UZ 88 is a resin-free, dispersion-based adhesive for the secure installation of textile floor coverings and linoleum. The adhesive prevents shrinkage and formation of joints. For interior use.

- ▶ low consumption
- ▶ extremely hard adhesive ridge
- ▶ minimises joints and shrinkage



TECHNICAL DATA:

Packaging	plastic bucket
Pack size	14 kg
Shelf life	min. 12 months
Color, wet	beige
Color, dry	beige
Consumption	200 - 530 g/m ²
Open time	0 - 15 minutes*
Working time	max. 20 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after approx. 24 hours*
Weld seams	after 24 hours*
Final strength	after approx. 3 days*

*At 20 °C and 65% relative humidity.



SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and materials (dirt, oil, grease) that would impair adhesion. The surface must be vacuumed, primed and smoothed. Suitable primers and compounds can be found in the UZIN Product Guide. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Allow the primer and levelling compound to dry completely.

Thickness of levelling compound:

- ▶ non absorbent or moisture sensitive substrates -> 2 mm (with rubber 3 mm)
- ▶ new calcium sulphate screeds -> 1 - 2 mm (with rubber 2 mm)
- ▶ on existing substrates -> min. 2 mm (with rubber 3 mm)

APPLICATION:

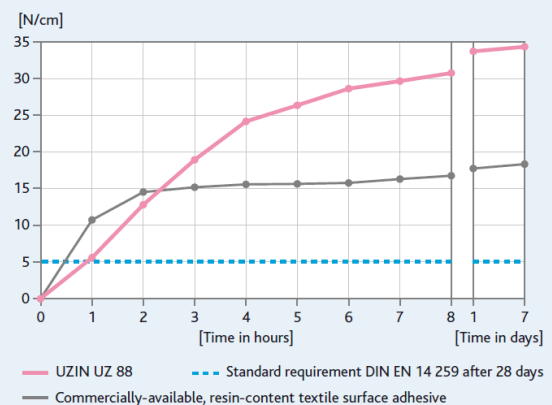
1. Apply an event coat of adhesive onto the substrate using a suitable notched trowel and allow to dry partially according to the application amount, the indoor climate, the absorbency of the substrate and the type of floor covering. Do not apply more adhesive than can be laid with good transfer onto the back of the covering within the working time.
2. Install the floor covering within a short open time and ensure the adhesive ridge is pressed out. Rub in or roll over and apply weight against any flooring deformation. Ensure that air is not trapped under the covering. Allow the area to rest for 20 minutes and then roll over again and rub in at edge and seams.
3. Remove adhesive residues while fresh with water.

CONSUMPTION INFORMATION:

Toothting	Coating/Backing	Consumption approx.*
B1	Carpet with synthetic secondary backing, Kugelgarn, fine-fibre needle punch, fine-backed woven carpet, linoleum	350 - 400 g/m ²
B2	Coarse-fibre needle punch, rough-backed woven carpet	450 - 530 g/m ²
A2	Rubber, PVC, PVC LVT	250 - 320 g/m ²
A1	CV floor coverings	200 - 250 g/m ²

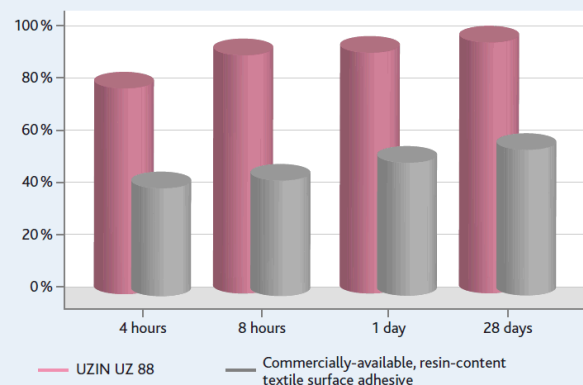
*At 20 °C and 65% relative humidity.

Peel strength development of different adhesive types



Measuring method according to DIN EN 1372. Substrate: Fiber-reinforced cement plate. Toothting: TKB B 2. Drying time: 10 min. Covering: Two-layer, tufted fibrous mat covering. Climate: 23 °C and 50 % relative humidity.

Shear strength development of different adhesive types



Measuring method according to DIN EN 1373. Substrate: Fiber-reinforced cement plate. Toothting: TKB B 2. Drying time: 10 min. Covering: Two-layer, tufted fibrous mat covering. Climate: 23 °C and 50 % relative humidity.

IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -12 °C. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- ▶ Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time.
- ▶ Humid substrates may cause secondary emissions and odours. Therefore, ensure the compound is dry before applying the adhesive.
- ▶ Installations onto substrates with old adhesive residues may cause interactions and lead to unpleasant odours. Ideally these should be removed completely. In all situations adhesive residues must be remedied via the use of primers and coatings of compound at least 3 mm thick.
- ▶ Before installing, the floor covering must be adequately acclimatised to the indoor climate and free from tension.

- ▶ Strong deformation of the roll ends, hanging bays, extremely raised edges or strong curvatures must be weighed down during the adhesion.
- ▶ In extreme temperatures due to exposure from light, heavy mechanical strain from pallet trucks, fork lifts, etc. or when exposed to moisture from above, obtain application advice if in doubt.
- ▶ Please check the adhesive recommendations (online) or obtain application advice when installing chlorine-free floor coverings.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respect of the applicable national standards (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, 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. 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.