Product Datasheet

2-Component PUR Adhesive

UZIN KR 430

Heavy duty polyurethane adhesive for resilient floor coverings

MAIN APPLICATION FIELD:

- luxury vinyl tiles or design floors
- PVC and CV floor coverings in tiles
- rubber floor coverings in tiles up to 10 mm thickness (e.g. noraments®)
- rubber granulate floor coverings or underlays (e.g. Regupol®)
- linoleum in tiles up to 4 mm thickness
- artificial grass, outdoor or sports floor coverings
- in combination with UZIN RR 185 and industrial floor coverings (e.g. Gerflor GTI®)

SUITABLE ON / FOR:

- levelled, absorbent and non absorbent substrates
- warm water underfloor heating system
- exposure to castor wheels in accordance with DIN EN 12 529
- wet shampooing and spray extraction cleaning according to RAL 991 A2
- very high loads in commercial and industrial locations



PRODUCT BENEFITS/FEATURES:

UZIN KR 430 is a 2-comp. polyurethane adhesive for resilient floor coverings on dry substrates. The adhesive is especially suitable for areas subject to heavy use. For interior and exterior use.

- no shrinkage
- flexible yet hard
- high resistance to heat and cold



TECHNICAL DATA:

Packaging	plastic combi can
Pack size	12 kg, 8 kg, 3 kg
Shelf life	min. 12 months
Mixing ratio	A:B = 5:1 parts per weight
Colour, wet	transparent
Colour, dry	brownish
Consumption	250 - 600 g/m²
Working time	20 - 30 minutes*
Working time	up to 40 minutes*
Minimum application temperature	15 °C on ground level
Loadable	after 12 - 24 hours*
Joint sealing	after 12 - 24 hours*
Weld seams	after 12 - 24 hours*
Final strength	after 3 - 5 days*

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

GEV-EMICODE EC 1 PLUS very low emission

EPD

LEED® CONTRIBUTING PRODUCT

UZIN | A brand of Uzin Utz Group
NZ | Uzin Utz South Pacific Ltd. | PO Box 426 | Whangaparaoa 0943 | New Zealand | Phone: +64 21 933780 | Fax: +64 94 281643 | E-Mail: sp@uzin-utz.com | nz.uzin.com

UZIN KR 430

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. Deformable substrates, e.g. mastic asphalt or underlays, should be levelled with 2-comp. PUR levelling compound UZIN KR 410 and be covered within 24 and 48 hours. Dense and smooth substrates must be degreased, grinded and eventually primed.

The datasheets for other used products have to be observed.

APPLICATION:

1. Before use, allow the adhesive to come to room temperature. Mix components A and B as described on the packaging. Ensure good mixing especially in the bottom and wall area of the container since poorly mixed adhesive does not cure.
2. 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. Apply adhesive quickly, observe pot life and avoid compressions.
3. 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 2 hours and then roll over again and rub in at edge and seams.
4. Remove residues while fresh with wipes from the UZIN Clean-Box. Hardened adhesive can only be removed mechanically.

CONSUMPTION INFORMATION:

Toothing	Coating/Backing	Consumption approx.*
A2 / A5	Smooth / Sanded, e.g. norament with sanded backing	250 - 350 g/m²
B1 / B2	Coarse / Textured, e.g. linoleum, sports flooring	400 - 600 g/m²
V1	Smooth-backed resilient floor coverings, e.g. sanded rubber tiles and LVT	up to 340 g/m²
V2	Coarse or textured backings, e.g. linoleum tiles, rubber granulate and sports flooring	500 - 540 g/m²

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

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -25 °C. 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 75%. Low temperatures and low air humidity lengthen the working and drying time. Whilst high temperatures and high air humidity shorten the working and drying time.
- Do not mix part quantities!
- The curing time of UZIN KR 430 can be accelerated in combination with UZIN PUR Accelerator, e.g. in bad climate conditions or when the covering should be loaded quickly. Observe the product data sheets.
- UZIN KR 430 is suitable for use under goods handling trucks with very heavy loading up to 50 kp/cm² or rather 5 N/mm².
- UZIN KR 430 must be protected from alkaline moisture. In areas where water occurs only from the substrate, you have to use e.g UZIN PE 460 as a moisture barrier below the levelling compound. In areas where water also or only occurs from above, you have to use e.g UZIN PE 460 as a moisture barrier on the levelling compound.
- For the applications coating, sealing, cleaning and maintaining the products of UZIN Care can be used to (UZIN Basic Cleaner, UZIN Turbo Protect Plus, UZIN Resilient Sealer, UZIN Resilient Care, UZIN Refresher). For further information please refer the separate product data sheets.
- 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 respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

This product is intended exclusively for professional use by qualified commercial users. It must not be supplied to consumers. The above information is based on our experience and careful investigations. The variety of associated materials and different constructions 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 floor 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 website under www.uzin.com | 10/2026

SEALS OF QUALITY & ECOLABELS:

- Solvent-free
- EMICODE EC 1 PLUS / Very low emission
- European Model EPD
- Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Moisture-curing, modified polyurethane prepolymers.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Non flammable. Contains diphenylmethane-diisocyanate (MDI). Harmful on inhalation. Irritating to eyes, respiratory system and skin. There is limited evidence of a carcinogenic effect for respirable vapours of MDI. Harmful: May cause damage to organs through prolonged or repeated exposure. May cause sensitisation by inhalation and skin contact. Provide good ventilation. Use barrier cream, protective gloves and safety-goggles. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet. Odorless after complete curing.

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. Therefore collect waste material and allow to harden, then dispose as Construction Waste.

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