Product Datasheet

Solvent-free contact adhesive

UZIN WK 222

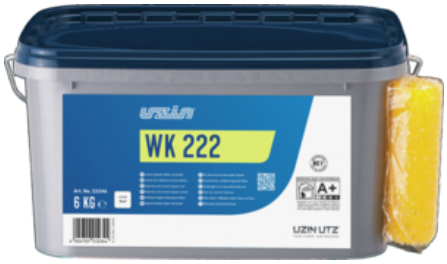
Water based neoprene adhesives for all types of constructional contact bonding

MAIN APPLICATION FIELD:

Powerful contact adhesive with short open time and immediate load-bearing. For profiles, skirting as well as all common types of floor covering on absorbent and non-absorbent substrates. UZIN WK 222 allows processing without solvent. For interior areas only.

SUITABLE ON / FOR:

- PVC soft skirting, stair profiles, coved skirting from PVC, linoleum, rubber flooring, for contact bonding
- All textile floor coverings, needle felt coverings or woven carpets, for contact bonding on stairs in block format or with protruding edge as well as for the bonding/covering of treads and risers
- PVC/CV floor covering, linoleum, rubber, insulating underlays, amongst others, for contact bonding on staircases and risers
- Impact absorbing wall coverings and suitable textile or composite floor covering for contact bonding on all substrates common to building construction on walls and ceilings
- Repair bonding work, e.g. seam restorations, inspection cover bonding, and others
- Heavy duty for residential, commercial, industrial and sports facility applications
- Hot water underfloor heating
- Heavy duty for chair castors according to DIN EN 12 529
- Wet shampooing and spray extraction cleaning according to RAL 991 A2



PRODUCT BENEFITS/FEATURES:

UZIN WK 222 is a strong and solvent-free contact adhesive with short open time allowing immediate loads. It can be used and applied like a solvent-based neoprene adhesive. For interior use.

- Superb rolling and brushing properties
- Minimum application amounts with supplied application roller
- Can be applied one day in advance
- Long contact bonding time
- High resistance to plasticisers
- Solvent-free

TECHNICAL DATA:

Packaging	plastic bucket
Pack size	1 kg, 6 kg, 12 kg
Shelf life	min. 12 months
Colour	beige
Consumption	300 - 450 g/m² in total*
Open time	20 - 40 minutes*
Contact bonding time	min. 2 hours*, reduces to 90 minutes* if one adhesive side was applied the day before
Ready for foot traffic	immediately*
Thermal stability	up to 70 °C, depending on the type of floor covering and substrate
Minimum application temperature	15 °C at ground level
Loadable	immediately*
Weld seams	after 12 hours*
Final strength	after 2 days*

*At 20 °C and 65% relative humidity.

GEV-EMICODE EC 1 PLUS very low emission

LEED® CONTRIBUTING PRODUCT

0736

UZIN | A brand of Uzin Utz Group
DE | Uzin Utz AG | Dieselstrasse 3 | 89079 Ulm | Phone +49 731 4097-0 | Fax +49 731 4097-110 | info@uzin.de | www.uzin.de
GB | Uzin Utz UK Ltd. | Unit 2, Mitchell Court | Central Park, Rugby | CV23 0UY | Phone +44 1788 530 080 | Fax +44 1788 536 508 | uzin.uk@uzin-utz.com | www.uzin.co.uk

UZIN WK 222

SUBSTRATE PREPARATION:

The substrate must be sound, level, dry, free of cracks, clean and free of materials that could impair adhesion. Test the substrate in accordance with applicable standards and bulletins and report any deficiencies.

Brush or grind off adhesion-reducing or weak layers. Thoroughly vacuum off loose material and dust. Apply primer, e.g. UZIN PE 360, UZIN PE 260, depending on the type and condition of the substrate, e.g. to dusty, coarse or strongly absorbent substrates. If necessary, prepare with repair or levelling compound, e.g. with UZIN NC 182, UZIN NC 888 or UZIN NC 170 LevelStar. Contact surfaces must be smooth and plane, as far as possible. Smooth, dense contact surfaces, e.g. plastic, metal, old flooring, coatings, and similar must be thoroughly ground out and cleaned and possibly degreased. Always allow primer and levelling compound to dry well all the way through.

Refer to the product data sheets of companion products and the floor coverings which are used.

APPLICATION:

1. Apply adhesive with yellow UZIN foam roller, coarse, and on the corners and edges use UZIN Silicone Brush (art. no. 65151) to apply adhesive uniformly thin onto the material to be bonded and the substrate. When applying the adhesive with the supplied 25 cm roller pre-spreading on a piece of chip board or the like is recommended in order to uniformly wet the roller.
2. Aerate both adhesive layers at least until they are almost non-tacky when touched. The covering /profile side may alternatively be coated the day before. The second adhesive side is then aerated only until the surface is“slightly finger-dry”.
3. Put down the covering /profile immediately or within the contact adhesion time, ensure correct fit and apply full area pressure, rub on or/and tap on. Subsequent correction is not possible. After 10 – 20 min. rub on again with force, especially seams and edges.
4. Unfavourable climatic conditions increase the open time significantly more than with solvent-based adhesives.To be able to still continue working at a good speed more air circulation often helps and can be easily achieved, e.g. by opening a door, using a small electric heater blower or even a hot welding gun.
5. Remove adhesive residues while fresh with lukewarm water. The dried on adhesive film can also be rubbed off from many surfaces. As an alternative, us the cleaning cloths of the UZIN Clean-Box

The contact adhesion time reduces to 90 minutes, if one coat of adhesive is applied either to the floor covering or substrate the day before.

CONSUMPTION:

Covring type / backing	Application Tool	Consumption*
Smooth, lightly reliefed, e.g. PVC coverings, rubber flooring, CV coverings, and others	UZIN foam roller (coarse) or silicone brush	150 – 200 g/m²
Reliefed, e.g. coarse needle felt, linoleum, textile coverings felt backing coverings, impact-absorbing wallor coverings, and others	UZIN foam roller (coarse) or silicone brush	250 – 350 g/m²
Substrate		
Depending on the the surface characteristics and absorbency	UZIN foam roller (coarse) or silicone brush	150 – 200 g/ m²

IMPORTANT NOTES:

- Shelf life at least 12 months in original packaging when stored in moderately cool conditions. Frost resistant to – 4°C/25 °F. Tightly re-seal opened containers and use the contents as quickly as possible. Allow adhesive to reach room temperature before processing.
- Optimum processing at 20 – 25 °C/68 – 77 °F room temperature, min. 15 °C floor temperature and relative humidity below 65 %.
- Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the partial drying, setting and contact bonding times.
- Moist substrates may cause secondary emissions and odours. Therefore, install only on well dried substrates and make sure the levelling compound has dried through if substrates have been levelled.
- During work breaks store application tools submerged in adhesive container or pack roller in foil to prevent drying.
- Drying can be accelerated during processing with the help of a hot welding gun and the pliability of the covering can be improved, e.g. to reduce tension with cumbersome coverings/ profiles (e.g. shaped staircases, Quickstep® edge, etc.) or edge strips with a small radius.
- Do not use WK 222 for light coloured coverings below 2 mm thickness.
- Follow the generally acknowledged rules of the trade and of technology for the installation of floor covering as well as the respective applicable standards (e.g. EN, DIN, VOB, OE, SIA, etc.). The following standards and bulletins represent 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 publication “Assessment and preparation of substrates”

– TKB publication “Bonding of luxury vinyl tiles”

– TKB publication “Bonding of elastomer floor coverings”

– TKB publication “Bonding of linoleum floor coverings”

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 datasheet invalidates all previous Product Information. The respective updated version of this datasheet can be found on our website:www.uzin.co.uk

| 02/2022

SEALS OF QUALITY & ECOLABELS:

- Solvent-free
- EMICODE EC 1 PLUS / Very low emission

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. 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.

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.

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 datasheet invalidates all previous Product Information. The respective updated version of this datasheet can be found on our website:www.uzin.co.uk