

Dispersion-Based Neoprene Adhesive

UZIN WK 222

Water-based contact adhesive for all common types of floor coverings

MAIN APPLICATION FIELD:

- ▶ flexible PVC skirting, stair profiles and PVC, linoleum and rubber covered skirting
- ▶ all textile floor coverings, stiff needle punch, woven goods
- ▶ PVC and CV floor coverings, linoleum, rubber
- ▶ insulation underlays
- ▶ impact walls or suitable composite decking
- ▶ renovation bonds, e.g joint renovation

SUITABLE ON / FOR:

All even, smooth, levelled or unlevelled substrates, e.g. old coverings, coatings, metal substrates, screeds, concrete, levelling compounds, firmly adhering wall paints and wallpapers, plasters, wood, chipboard, OSB boards, insulation underlays, etc., as well as water-resistant, sanded neoprene, dispersion or synthetic resin adhesive residues.



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.

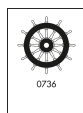
- ▶ easy to use with a roller or brush
- ▶ can also be applied the day before
- ▶ plasticiser resistant



TECHNICAL DATA:

Packaging	plastic bucket
Pack size	1 kg, 6 kg, 12 kg
Shelf life	min. 12 months
Color, wet	beige
Color, dry	beige
Consumption	300 - 550 g/m ² 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.



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. Contact surfaces should be even and smooth.

The datasheets for other used products have to be observed.

APPLICATION:

1. Apply the adhesive coarsely to the material to be bonded and the substrate with the enclosed yellow UZIN foam roller and a thin, even coat to the corners and edges with a silicone brush. When applying the adhesive with the 25 cm roller supplied, we recommend pre-distributing the adhesive on a piece of chipboard or similar for easy wetting of the roller.
2. Allow both adhesive layers to flash off at least until they are almost tack-free when touched. Alternatively, the covering/profile side can also be coated the day before. The second adhesive side is then only allowed to flash off until the surface is "slightly dry to the touch".
3. Lay the covering/profile immediately or within the contact bonding time and press, rub and/or tap on the entire surface very firmly. Subsequent corrections are not possible. After 10 - 20 minutes, rub down again vigorously, especially at seams and in the edge area.
4. In unfavourable climatic conditions, the flash-off times increase considerably more than with solvent-based adhesives. In order to be able to continue working quickly, it is often sufficient to circulate more air, which can easily be achieved, for example, by an open door, a small fan heater or a hot air blower.
5. Remove adhesive residues when fresh with relaxed, lukewarm water. On many surfaces, the dried adhesive film can also be rubbed off. Alternatively, use the cleaning cloths from the UZIN Clean-Box.

CONSUMPTION INFORMATION:

Toothings	Coating/Backing	Consumption approx.*
UZIN Foam Roller (coarse), silicone brush	Smooth, slightly structured, e.g. PVC and CV floor coverings, rubber	150 - 200 g/m ²
UZIN Foam Roller (coarse), silicone brush	Coarse, e.g. needle punch, linoleum, textile floor coverings, deflecting wall coverings	250 - 350 g/m ²
UZIN Foam Roller (coarse), silicone brush	Substrate: depending on surface condition and absorbency	150 - 200 g/m ²

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

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.

IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -4 °C. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- ▶ Best applied between 20 - 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.
- ▶ During work breaks, submerge application tools in the adhesive container or pack in foil to prevent from drying.
- ▶ Using the Pajarito fans #181158 - Centrifugal fan 950 m³/h and #181154 - Fan 60 cm, the drying time of the adhesive can be significantly reduced.
- ▶ Drying can be accelerated and smoothness of the covering can be approved by using a dryer.
- ▶ UZIN WK 222 cannot be used for coverings with a thickness below 2 mm.
- ▶ 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.)

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:

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.