

UZIN GN 222

Powerful solvent-based contact adhesive for skirtings, profiles and coverings

Description:

Solvent-based contact adhesive for profiles, trims and coverings with smooth or lightly structured surfaces. For interior use only.

Especially suitable:

- ▶ For skirtings, coving, stair-trims, protection strips, etc.
- ▶ Also for resilient sheet and tile floor coverings, e.g. PVC, cushioned vinyl, linoleum, rubber, cork, bonded cork-PVC (and conditionally for polyolefin coverings)
- ▶ Only for solvent-resistant surfaces, coverings and materials, e.g. screeds, plaster, concrete, plastics, wood, metal, etc

Suitable for all flat surfaces, prepared as necessary, existing floor finishes and coatings as well as metals.

Suitable for use on warm water underfloor heating systems and for areas exposed to caster wheels in accordance with DIN EN 12 529.

Note: refer to the hazard and safety notes (see "Protection of the Workplace and Environment").



Product Properties / Benefits:

Ready to use, solvent-based, liquid contact adhesive with a wide range of technical advantages. Its high flammability and the emission of large quantities of solvent vapour make usage restrictions and protective measures necessary.

Bonding agent: Polychloroprene rubber with bond-strengthening resins.

- ▶ Very easy to apply
- ▶ Very rapid drying
- ▶ Long contact bond time
- ▶ Very high immediate bond-strength
- ▶ Excellent heat resistance up to 75 °C / 167 °F
- ▶ High solvent content

Technical Data:

Packaging:	metal can / drum
Packsize:	600 g, 5 kg
Shelf life:	min. 12 months
Colour:	beige
Hazard characteristics:	see "Protection of the Workplace and Environment"
Working temperature:	min. 10 °C / 50 °F
Consumption:	250 – 400 g / m ² (double-stick application)
Open time:	5 – 20 minutes*
Contact bond time:	2 – 3 hours*
Set to traffic / loading:	immediate
Final strength:	after 2 – 3 days*

* At 20 °C / 68 °F and 65 % relative humidity.

Substrate Preparation:

The substrate must be level, sound, dry, free from cracks, clean and free from materials that would impair adhesion.

Test the substrate in accordance with applicable standards and notices and report any deficiencies.

Contact bond surfaces must be as smooth and flat as possible. Prime chalky or dusty surfaces, e.g. calcium sulphate, gypsum, chipboard, etc. with diluted UZIN GN 222 (UZIN VE 100). Thoroughly abrade and clean dense and smooth surfaces, e.g. plastics, metals, existing wear surfaces, coatings, etc.

Prime and prepare very uneven surfaces. For priming on mineral surfaces, e.g. UZIN PE 360, for smoothing, e.g. UZIN NC 170 (floors) or UZIN NC 182 (walls/floors).

For other surface types, select suitable primers and smoothing compounds from the UZIN Product Guide. Always allow primers and smoothing compounds to dry thoroughly. Refer to the Product Data Sheets for the products used.

Application:

1. Before use, stir the adhesive well and then apply a thin, even coat onto both the backing of the covering and the substrate using a smooth or very fine notched trowel (e.g. A1 or A5) or a brush.
2. Allow both coats of adhesive to evaporate sufficiently (approx. 10 minutes) so that they are almost dry to the touch. Then lay the covering/profile immediately, or within the contact bond time, into exact position and rub, roll or tap hard over the whole surface. No correction is possible. After 10 – 20 minutes, rub hard once again, especially on joints and at edges.
3. To dilute or remove adhesive contamination, use GN-Thinners, UZIN VE 100. On sensitive surfaces, test resistance to solvents. UZIN VE 100 is very highly inflammable.

Consumption:

On rough surfaces, use a fine-notch trowel; on smooth surfaces, use a fine-notch or smooth trowel.

Consumption is:

Notch Size	per contact surface
Smooth	100 – 150 g/m ²
A1	150 – 200 g/m ²
A5	200 g/m ²

Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in cool, dry conditions. Carefully and tightly seal opened containers and use the contents as quickly as possible. Place containers kept in too cold conditions, with thickened product content, in a warm area and stir repeatedly.
- ▶ Optimum working conditions are 15 – 25 °C/59 – 77 °F, floor temperature above 10 °C/50 °F, relative humidity below 75 %. Too high humidity can lead to condensation on the adhesive film and failure of the contact bond.
- ▶ Thoroughly prepare solvent-sensitive or soluble surfaces, e.g. bitumen, mastic asphalt, etc.
- ▶ Highly suitable for use on non-absorbent surfaces, as prepared with 2-component epoxy sealer-primer UZIN PE 460 or 2-component PU levelling compound UZIN KR 410.
- ▶ The following standards and notices are applicable and especially recommended: DIN 18 365 "Working with floor coverings"/publication of the Adhesives Industry Association "Assessment and preparation of surfaces – adhesion of resilient and textile floor coverings"/"publication of the ZDB "Resilient and textile floor coverings and parquet on heated floor constructions".

Protection of the Workplace and the Environment:

High solvent content. Highly flammable. Irritant. Avoid skin contact with liquid product. Solvents in this product may form explosive air-vapour-mixture. Therefore provide good ventilation during and after use. No smoking, no open flames. Do not inhale vapours. Switch off all electric devices like door-bells, refrigerators, electric stoves, etc. Use barrier cream and protective gloves. Observe safety information on product label as well as safety data sheet.

Disposal:

Where possible, collect all product waste and re-use. Do not allow into drains, water courses or land-fill. Empty, scraped-out and drip-free metal containers are recyclable. Containers with unhardened residues and collected, unhardened product residues are Special Waste. Hardened product residues, as well as containers with hardened residues are classed as Construction Waste.