PRODUCT DATA SHEET

Adhesive for Conductive PVC

UZIN KE 2330 L

Carbon-fibre conductive dispersion adhesive with high bonding strength for conductive PVC floor coverings

Description:

Electrically conductive dispersion adhesive for conductive PVC floor coverings in interior locations.

Especially suitable for / on:

- Conductive PVC sheet and tile coverings
- Floor coverings thickness up to 3 mm
- Warm water underfloor heating systems
- On prepared level, absorbant substrate

Product Property / Benefits:

Ready to use, water based dispersion adhesive with a long adhesive tack and high bonding strength.

23/80 S3S2

Composition: Modified polyacrylate copolymer with adhesion strengthening resins, carbon fibres.

- Very easy to spread
- Very high coverage
- Excellent conductivity
- Solvent-free, GB 18583
- JC/T 550

Technical Data:

Packaging:	plastic drum
Packsize:	12.5 kg
Shelf-life:	min. 12 months
Colour:	light grey
Specific density:	approx. 1.30 kg/litre
Working temperature:	min. 15 °C at floor level
Consumption:	300 - 350 g /m^2
Open time:	10 –15 minutes See “Application”
Working time:	max. 30 minutes*
Load bearing:	after 24 –48 hours*
Final strength:	after 5 –7 days*
Electrical resistivity:	< 3 x $10^5\Omega$ (EN 14 259)

* Under normal conditions at 20 °C and 65% relative humidity.

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Subfloor Preparation:

- The substrate must be level, sound, free from cracks, dry, clean and free from materials that would impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies.
- Thoroughly vacuum the surface, then prime with UZIN Primer, and prepare with a high-strength UZIN cement levelling compound selected from the UZIN product Guide. Refer to the Product Data Sheets.

Conductive System:
If no other recommendation is given by the floor covering manufacturer, the following guidelines apply:

- If the covering has a laterally conductive backing layer, or if only antistatic performance is required, installation can proceed without copper-strip.
- With copper-strip for PVC coverings: bond UZIN Copper Strip (10 mm wide x 0.035 mm thick) onto the surface, centrally and along the length of each sheet width from wall to wall. Cross-connect the ends with more tape laid approx. 25 cm from the wall. For approx. every 30 m^2 of surface area, leave a projecting tag of adequate length for earth connection.

Application:

- Apply the adhesive evenly onto the substrate using the appropriate pointed-notch trowel blade and leave an open time according to the application quantity, climatic conditions, substrate absorbency and type of covering (see "Important Notes").
- Lay in the covering, rub down over the whole area and, after 60 minutes, rub down hard once again or roll. Ensure good transfer to the backing.
- Clean off adhesive contamination with water whilst still fresh.

Consumption:

Backing Type	Notch Size	Consumption
Sanded	Pointed notch 	300-350 g/m^2

Important Notes:

- Shelf-life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Carefully and tightly seal opened packaging and use the contents as quickly as possible.
- Optimum working conditions are 18–25°C, floor temperature above 15 °C and relative humidity below 75 %. Low temperatures and high humidity lengthen, and high temperatures and low humidity shorten the working-, setting- and drying-times.
- Dry surfaces with good absorbency aid the initial tack anddrying.
- Seal joints with hot or cold weld systems only when the adhesive is fully set, after 24 hours at the earliest, preferably after 48 –72 hours.

The following standards and notices are applicable andespecially recommended: DIN 18 365 "Working with floorcoverings"/ publication of the Adhesives Industry Association"Assessment and preparation of subfloors – bonding resilientand textile floor coverings" / Bonding of elastomer coverings /technical information 2/1990 of the BEB "Assessment andpreparation of the surfaces of anhydrite flow-screeds"/ RAL-RG 725/3 "Electrical performance of resilient and textile floor coverings – properties and test methods"/ DIN 54 345"Electrostatic performance"/ DIN 51 953 "Testing the conductivity for electrostatic loadings in floor coverings".

Protection of the Workplace and the Environment:

- Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

Disposal:

Where possible, collect all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic containers are recyclable. Dried product residues are classed as Construction Waste.

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