

UZIN Universal Tackifier

Very low-emission, water-soluble dispersion tackifier for PVC and textile floor coverings

Description:

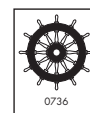
UZIN Universal Tackifier is a water-soluble dispersion tackifier, that can easily be applied with a roller or a notch trowel. The product fixes and can later be removed from used floor coverings. For interior use.

As a tackifier:

- ▶ for textile floor coverings with latex-, fleece- and PVC-foam-backings
- ▶ for PVC and CV floor coverings, also with textile fleece backings
- ▶ on smooth, absorbent and levelled substrates
- ▶ on warm water underfloor heating system
- ▶ for normal wear in residential locations



UZIN Universal Tackifier offers two possible application methods.



Product benefits / properties:

UZIN Universal Tackifier offers water detachability and allows to remove flooring and adhesive residues easier when renovating the floor.

Composition: Modified polyacrylate copolymers with adhesion strength-reinforcing resins.

- ▶ Application with roller or notch trowel
- ▶ Suitable for wet or dry bonding
- ▶ Ideal alternative to loose-lay
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ RAL-UZ 113 / Environmentally compatible because of very low emission

Technical Data:

Packaging:	Plastic bucket
Pack sizes:	3 kg, 12 kg
Shelf life:	minimum 12 months
Colour wet / dry:	cream white / cream white
Consumption:	100 – 300 g/m ²
Working temperature:	min. 15 °C at floor level
Open time:	10 – 80 minutes*
Working time:	20 – 60 minutes*
Set to traffic:	after 24 – 48 hours*
Final strength:	after 2 – 5 days*
Sealing / filling joints:	after 2 – 3 days*

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

Substrate Preparation:

The subfloor must be sound, load bearing, level, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed and levelled thoroughly. Suitable primers and levelling compounds can be found in the UZIN product guide. Existing flooring must be well-bonded and a suitable cleaning agent, e.g. UZIN Basic Cleaner, must be used to clean off all grease, polish and detergent residues. The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported. Always allow primer and levelling compound to dry well all the way through.

Refer to the Product Data Sheets for other products used.

Application:

1. Apply the tackifier evenly onto the substrate using a foam roller. On screeded surfaces, use a coarse foam, and on smooth, non-absorbent surfaces use a fine foam. For coarse backings use an A2, A3 or A4 notched trowel.
2. On absorbent substrates, install the floor covering into the wet coating of tackifier and rub over the entire surface. The removal of the adhesive from absorbent or coarse surfaces is generally difficult. This can be improved if the surface is primed with a thin coat of UZIN PE 360 before applying the tackifier.
3. On non-absorbent, dense substrates, e.g. existing floor coverings, allow a few minutes to dry until the tackifier feels tacky or until it is completely transparent, then install the covering and rub down.
4. After a short time, firmly rub or roll the covering again, especially over seams and cross-joints.
5. Clean off any adhesive contamination whilst still wet using water.
6. The higher the consumption, the greater the work of removing the coat of tackifier. Therefore, the rule applies: as much as is necessary, as little as possible.

Consumption Data:

Substrate / Backing type	Application with:	Consumption**
Smooth / dense	Roller, fine pores	100 – 150 g/m ²
Porous*/absorbent	Roller, coarse pores	150 – 200 g/m ²
Backing with light structure	Notch size A4	150 – 200 g/m ²
Backing with coarse structure	Notch size A3	250 – 300 g/m ²
Bonding	Notch size A2	approx. 300 g/m ²

* Prime with UZIN PE 360, if necessary.

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

Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Frost-resistant up to – 6 °C. Carefully and tightly reseal opened buckets and use the content as quickly as possible. Allow tackifier to reach room temperature before use.
- ▶ Optimum work conditions are 18 – 25 °C, floor temperature above 15 °C / 59 °F and relative air humidity below 75 %. Low temperatures and high air humidity lengthen, whilst high temperatures and high air humidity shorten the drying time.
- ▶ Humid substrates may cause secondary emissions and odours. Therefore a good drying of the levelling compound must be observed on levelled substrates.
- ▶ Direct bonding on old adhesive residues can cause interactions and lead to unpleasant odour. Therefore old layers should ideally be removed. In all cases adhesive residues must be reworked with a barrier primer and levelled generously with a self-levelling compound at sufficient thickness (usually 3 mm).
- ▶ With PVC floor coverings, joint-welding is recommended. Leave at least 24 hours, or better for 2 – 3 days, before using hot welding. For cushioned vinyl flooring, joint-sealing using the cold welding technique is recommended.
- ▶ Avoid long-term exposure of moisture on carpets. Apply a weight to wetted areas until dry, if necessary removing excess moisture first.
- ▶ On access flooring, ensure that no adhesive penetrates the panel joints. Refer to the notes issued by the manufacturer, especially with reference to usage and surface areas.
- ▶ UZIN Universal Tackifier does not prevent dimensional changes of the floor covering.
- ▶ To remove the covering, release at the corner and slowly pull toward the centre of the room. Soften any covering or foam residues for 20 – 30 minutes with warm water containing a little detergent, then remove with a smooth scraper. Wet-brush and rinse off several times. If necessary, use a rotary polisher with a new, green pad and dry with a wet vacuum. When re-using the old flooring, then apply a maintenance coat of an appropriate agent.
- ▶ In the case of coarse and open surfaces, UZIN Universal Tackifier can only be removed with a great deal of effort. This is especially true for cement grouts in stone and ceramic flooring. The greater the quantity used, the greater the subsequent cleaning effort when washing off and removing the tackifier.
- ▶ On PVC flooring with a high plasticiser content, the water solubility can be affected by plasticiser-migration. Changes or discolouration of the underlying floor coverings may occur after removing the tackified floor coverings.
- ▶ The following standards, regulations and publications are applicable and especially recommended:
– DIN 18 356 "Working with floor coverings"

Protection of the Workplace and the Environment:

Solvent-free. The use of skin protection lotion is always recommended. Store out of reach from children. Provide thorough ventilation during and after processing / drying! Avoid eating, drinking and smoking while processing the product. In the event of contact with the eyes or skin, rinse thoroughly and immediately with water. Do not allow to enter the sewer system, bodies of water or the soil. Clean the tools with water and soap immediately after use.

EMICODE EC 1 PLUS – very low emission. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC). 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. **Product contains isothiazolinones.** For allergy information, call +49 (0)731 4097-0 (Germany).

Disposal:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic 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.