

Universal pressure-sensitive and wet adhesive

UZIN 398-D

Universal adhesive for common resilient floor coverings

Applications:

Strong, pressure sensitive dispersion-based adhesive with short open time and long installation time. Applied by wet on wet and/or double-drop bonding method. Special adhesive for PVC and carpet flooring in residential and commercial projects as well as universal adhesive for all common floor covering types. For interior use only.

Suitable on / for:

- ▶ absorbent, levelled substrates in wet or semi-wet process
- ▶ dense, non-absorbent substrates, such as metal surfaces
- ▶ high-strain in residential, commercial and industrial areas, e.g. in hospitals, high-traffic shopping malls, shops, etc.
- ▶ homogeneous and heterogeneous PVC/CV floor coverings in sheets and tiles.
- ▶ light-weight needle punch floor covering or woven carpet
- ▶ textile floor coverings with all common backings, including Latex foam, fleece, or similar types.

Product benefits / features:

Composition: Water dispersed modified resins, thickeners, wetting, defoaming and preservation agents, mineral fillers, water.

- ▶ Odorless after processing
- ▶ Very easy to apply
- ▶ Short open time
- ▶ Long working time
- ▶ Good tack with stringing
- ▶ Low solvent consistency
- ▶ Resists to wet shampooing and spray extraction cleaning

Technical Data:

Packaging:	Plastic containers PE
Sizes:	15kg, 5kg and 1kg
Storage:	minimum 12 months
Color liquid/dry:	Cream / beige
Consumption /coverage:	200 - 350 g/m ²
Minimum working temperature:	15 °C
Ideal working temperatures:	15 - 25 °C substrate surface
Drying time or covered after:	30 - 60 minutes*

* At 20 °C and 65% relative humidity.



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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. Thoroughly vacuum off, prime and smooth surface.

Depending on the substrate, floor covering and strain suitable primers and levelling compounds can be taken from the UZIN Hellas product overview.

Always allow primer and levelling compound to dry well all the way through. Thoroughly grind out and clean or degrease dense, non-absorbent substrates e.g. metals. Observe the product data sheets of the other UZIN Hellas products as well as the floor coverings used.

Application

1. Apply adhesive uniformly with suitable notched trowel (see "Consumption data") onto the substrate and allow to dry partially according to the intended bonding method, the application amount, the indoor climate, the substrate's absorbency and the type of the floor covering. Do not apply more adhesive than can be laid with good transfer to the back of the covering within the working time. Use only the wet/semi-wet method with standard installations on levelled substrates.
2. Install the floor covering with short open time; the adhesive groove should be pressed out. Rub in or roll out or apply weight against extreme flooring deformation or mill first. Ensure that air is not trapped under the covering. Allow the area to rest for 20 minutes and then roll out again or rub in at edge and seam area.
3. Remove adhesive residues while fresh with warm water.

Consumption Data

Flooring type:	Notch size	Consumption*
Smooth, e.g. cushioned vinyl on dense substrates	A 5	200 – 220 g /m ²
Smooth, e.g. CV floor coverings	A 1	200 – 280 g /m ²
Slightly relieved, e.g. PVC floor coverings, rubber flooring, etc.	A 2	250 – 350 g /m ²

*At 20°C and 65 % relative humidity at room temperature.

Important notes:

- ▶ Shelf life at least 12 months in original packaging when stored in moderately cool conditions. Frost-resistant to 10°C. Tightly reseal opened containers and use the contents as quickly as possible. Allow adhesive to reach room temperature before processing.

- ▶ Optimum processing at 18-25°C, floor temperature above 15°C and relative humidity below 65%. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the installation, setting and drying time. Moist substrates may cause secondary emissions and odors. Good drying of the levelling compound must therefore be observed with levelled substrates.
- ▶ Direct bonding on old adhesive residues can cause interactions and thus unpleasant odor development. Old layers should therefore ideally be removed. At any rate, old adhesive residues need to be reworked with a barrier primer and levelled generously with a self-levelling compound at sufficient thickness (usually 2 mm).
- ▶ Floor coverings must be adequately free from tension before bonding them and adequately acclimatized and have adapted to the indoor climate common for the future use.
- ▶ Install, roll-out and rework in wet/semi-wet method. If the adhesive groove is still crème-white or merely dried on the surface. The tack is not yet present or is only minor.
- ▶ In pressure adhesive methods allow to partially dry until the color of the adhesive changes from crème-white to transparent. Then install, roll-out and rework.
- ▶ In double-drop method, install the floor covering wet and rub in. Fold back immediately and allow backing of floor covering and the substrate dry partially until tacking can be felt (finger test); however, the adhesive groove must not be fully transparent. Then install, roll-out and rework.
- ▶ The result is an even better surface quality at a lower risk or residual indentation during subsequent use as well as increased dimensional stability of finally installed floor coverings at high heat exposure, e.g. from exposure to light.
- ▶ In case of extreme temperatures from exposure to light, heavy mechanical strain from pallet trucks, fork lifts, etc. or when exposed to wetness from the top, must be used epoxy resin based adhesive. Obtain application advice in case of doubt.
- ▶ Observe the generally acknowledged rules of the industry and technology for the installation of floor covering as well as the respective applicable national standards. (E.g. EN, DIN).

Protection of the workplace and the environment:

Low solvent consistency. 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. The basic prerequisites for optimal room air quality after floor covering work consist of installation conditions conforming to standards and well-dried substrates, primers and levelling compounds. **Product contains isothiazolinones. Information for persons with allergies is available at +30 210 7793777 (Greece).**

Disposal:

Collect product residues wherever possible and reuse. Do not allow to enter the sewer system, bodies of water or the soil. Plastic containers emptied or scraped clean and no longer dripping from any residues can be recycled. Containers with liquid residues as well as collected liquid product residues are special waste. Containers with cured residues are construction /domestic waste.