

Universal Textile Adhesive

# UZIN UZ 57

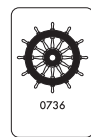
Universal adhesive for all resilient and textile floor coverings

## Description:

Very low emission dispersion adhesive with strong thread formation, excellent grab and high final strength. Suitable for almost any type of textile floor covering including materials that are stiff and difficult to bond – for interior use.

Suitable for / on:

- ▶ textile coverings with all popular backing constructions, e.g. synthetic secondary backings, latex-foam, secondary backings made from polyester, polypropylene or mixed fibres, with polypropylene fleece and latex-coated
- ▶ woven goods, dimensionally stable needlepunch and natural fibre coverings with latexed backings or wool-felt backings and even stiff materials
- ▶ felt-backed PVC and cushioned vinyl coverings
- ▶ absorbent, prepared surfaces
- ▶ UZIN Insulating and Installation Underlays
- ▶ normal wear use in domestic, commercial and project locations
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ wet-shampoo and spray-extraction cleaning systems



## Product Properties / Benefits:

Premium dispersion adhesive for textile coverings. As a wet adhesive, combines excellent grab, thread formation and high final strength with high demands in respect of workplace protection, indoor air quality and environmental compatibility.

Thanks to its excellent thread formation and wide range of uses, the floor-layer is assured of a fast and reliable installation.

**Composition:** Modified polyacrylate copolymers, resins and resin esters of vegetable origin, thickening-, wetting- and de-foaming agents and preservatives (isothiazolinone), other additives, mineral fillers, water.

- ▶ Very universal for all types of textile coverings
- ▶ Easy to spread
- ▶ Excellent grab
- ▶ Ideal thread formation
- ▶ High early and final strength
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission PLUS



## Technical Data:

Packaging:	plastic drum
Packsize:	14 kg
Shelf life:	min. 12 months
Colour:	beige-white
Consumption:	300 – 550 g / m <sup>2</sup>
Working temperature:	min. 15 °C / 59 °F at floor level
Open time:	5 – 15 minutes*
Working time:	approx. 20 minutes*
Set to foot traffic:	after 24 hours*
Final strength:	after 3 days*

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

## Substrate Preparation:

The substrate must be sound, level, 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. Thoroughly vacuum the surface, prime and apply smoothing compound. According to substrate, covering and occupational use, select suitable primers and smoothing compounds from the UZIN Product Guide.

On non-absorbent or moisture-sensitive substrates apply smoothing compound, e.g. new mastic asphalt 2 mm, new calcium sulphate screeds 1 – 2 mm or existing floor finishes, to a minimum thickness of 2 mm. Always allow primers and smoothing compounds to dry thoroughly.

Refer to the Product Data Sheets for other products used.

## Application:

1. Apply the adhesive evenly onto the subfloor with a suitable notched trowel (see "Consumption") and leave an open time according to application quantity, climatic conditions, surface absorbency and type of covering. Only apply as much adhesive as can be covered within the working time whilst ensuring good transfer to the backing of the covering.
2. Lay in the covering, rub well down or roll over the whole surface and, after 20 – 30 minutes, repeat. Change notched blades frequently.
3. Remove adhesive contamination whilst still fresh using warm water with a little washing-up liquid or a proprietary carpet spot-cleaner.

## Consumption:

Backing Type	Notch Size	Consumption*
Smooth, lightly structured, e.g. textile coverings with foam backing	A2	300 – 350 g / m <sup>2</sup>
Heavily structured, e.g. secondary backed textile coverings	B1	350 – 450 g / m <sup>2</sup>
Coarse structured, e.g. woven goods	B2	500 – 550 g / m <sup>2</sup>

\* At 20 °C / 68 °F and 65 % relative humidity on prepared surfaces and with acclimatised adhesive containers.

## Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Carefully and tightly reseal opened packaging and use the contents as quickly as possible. Before use, allow the adhesive to come to room temperature.
- ▶ Optimum working conditions are 18 °C – 25 °C / 64 °F – 77 °F, floor temperature above 15 °C / 59 °F and relative humidity below 65 %. Low temperatures and high humidity lengthen, and high temperatures and low humidity shorten the working-, setting- and drying- times.
- ▶ Damp substrates can lead to secondary emissions and odours. Therefore, only apply on well dried substrates and, on prepared surfaces, ensure best possible drying of the smoothing compound.
- ▶ Before adhering, coverings must be adequately relaxed, acclimatised and matched to the normal climatic conditions expected during later use.
- ▶ UZIN UZ 57 is certificated by the "See-Berufsgenossenschaft" Hamburg to meet the requirements of Marine Equipment module B and module D. Certificates are available on request. The admitted application quantity is max. 400 g / m<sup>2</sup>.
- ▶ Vertical bonding of softer materials can be carried out effortlessly with UZIN UZ 57. Apply the adhesive to the prepared wall surface using a lambswool roller, immediately comb through with the appropriate notched trowel and leave to develop tack. Lay in the covering and rub down. If necessary, fix at the upper edge with contact adhesive.
- ▶ The following standards and notices are applicable and especially recommended:
  - DIN 18 365 "Working with floor coverings"
  - Publication by the Adhesives Industry Association "Assessment and preparation of substrates – adhesion of resilient and textile floor coverings"
  - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation"
  - BEB publication "Assessment and preparation of substrates"

## Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended.

EMICODE EC 1 PLUS – very low emission PLUS. 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.

## 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.