

Double-sided self-adhesive vapour barrier

UZIN PLURAFILM HYDRO

Moisture-barrier dry adhesive for PVC/CV flooring, PVC design coverings, rubber floor coverings and tufted textile coverings on concrete or UZIN NC 161

MAIN APPLICATION FIELD:

- ▶ Moisture barrier on unheated substrates without limitation to a maximum residual moisture value
- ▶ Moisture barrier on heated substrates without limitation to a maximum residual moisture value
 - Prior functional heating required
- ▶ Homogeneous and heterogeneous PVC or CV floor coverings in sheets and tiles
- ▶ LVT up to 1300 mm length
- ▶ Homogeneous rubber floor covering in sheets and tiles up to 3.2 mm
- ▶ Vinyl polyester floor coverings or woven vinyl
- ▶ PVC and chlorine-free floor coverings
- ▶ Quartz vinyl tiles
- ▶ Tufted textile coverings in sheets and tiles
- ▶ Carpet tiles
- ▶ Kugelgarn® and Kugelvlies®

SUITABLE ON / FOR:

- ▶ Moisture-resistant levelling compound UZIN NC 161
- ▶ Cementitious smooth substrates
- ▶ Subfloor heating system



PRODUCT BENEFITS/FEATURES:

Moisture-barrier, special film backing, double-sided adhesive, for laying textile and resilient floor coverings on damp cementitious substrates without moisture measurement. Suitable for all project sizes without area limitation. For indoor use only.

- ▶ Quick and easy installation
- ▶ No moisture measurement necessary
- ▶ Resistant to alkaline moisture
- ▶ Free of hazardous substances
- ▶ Floor covering is immediately walkable and loadable once installed

TECHNICAL DATA:

Packaging	carton
Pack size	20 m ² 18.75 m ² area (75 cm x 25 m) 1.25 m ² edge tape (5 cm x 25 m)
Shelf life	min. 12 months
Color	silver
Open time	unlimited
Setting time / cure time	none
Ready for foot traffic	immediately after installation
Minimum application temperature	15 ° C at ground level
Loadable	immediately after installation
Joint sealing	immediately after installation

*At 20 °C and 65% relative humidity.



for new resilient and textile floor coverings
ON damp and residual damp cementitious substrates

SUBSTRATE PREPARATION:

- ▶ The substrate must be sound, level, smooth, surface dry, free from cracks, clean and free from materials that would impair adhesion. Moisture measurement is not necessary, but the surface must not show any visible moisture. Check the substrate in accordance with applicable standard or notices and report any deficiencies. Prime substrates to be filled with UZIN PE 360 Plus and level with UZIN NC 161.
- ▶ On power trowel concrete, floor coverings can be bonded directly with UZIN Plurafilm Hydro without shot blasting, provided the surface condition is sufficient.
- ▶ The datasheets for other used products used must be observed.
- ▶ Allow floor coverings to relax and acclimatize sufficiently in the room to be covered (the specifications of the flooring manufacturer must be observed). Allow UZIN Plurafilm Hydro to acclimatize for at least 24 hours in the room to be covered.

APPLICATION:

- ▶ Apply UZIN Plurafilm Hydro Tape along walls and doors:
 - a) to level out uneven walls
 - b) for increased adhesion around edges
 - c) for bonding in hard-to-reach places.
- Do not remove protective paper yet.

- ▶ Unroll UZIN Plurafilm Hydro in the direction of the new floor covering, rub down well and then cut back with the hook knife (max. 1 mm gap allowed, no overlaps). Install the last layer of UZIN Plurafilm Hydro from the wall. Cut back the re-sulting overlap to butt joint with the hook knife (max. 1 mm gap allowed, no overlaps).
- ▶ Only roll out as much UZIN Plurafilm Hydro as the floor covering will be laid on the same day.

Installing elastic and textile floor coverings

- ▶ Lay out the floor covering and roughly fit it in place. Then fold back the floor covering halfway in the running direction. Then peel off the protective paper of UZIN Plurafilm Hydro flat and straight down to the folded back floor covering. Cut off the pulled off protective paper leaving a remnant of 10 cm. Fold the remnant under the folded back floor covering (forming a flap). Stack protective paper and roll up to minimise waste volume. Push in first flooring half gradually (avoid air bubbles) and rub down / roll on in transverse direction. Fold back the second half of the covering and remove the remaining protective paper with the help of the flap. Slowly push in the floor covering, rub down / roll on and cut in at the edge to fit.
- ▶ Joints and seams of resilient floor coverings in sheets and tiles (exception: design coverings in planks and tiles) must be thermally / chemically welded. The specifications of the floor covering manufacturer must be observed when carry-ing out the welding. Floor coverings can be immediately welded or sealed after installation.

Installing design flooring and tiles

- ▶ Measure the room, divide the planks / tiles to fit. Mark the starting points of the first row of planks / tiles on the protective paper using a suitable pencil. Place the steel rail along the starting points and align. Peel off the protective paper from UZIN Plurafilm Hydro flat and straight up to the steel rail and then tear off at an angle upwards along the steel rail. The straight line thus created serves as the contact line for the first row of planks / tiles. Stack and roll up protective paper to minimise waste volume. Install the planks / tiles along the contact line without tension and press down by hand. Pull back protective paper continuously flat and straight. Install the floor covering as de-scribed. If the installation is interrupted, the protective paper can be put back to protect the UZIN Plurafilm Hydro. After installing, rub down / roll on the entire surface well cross-wise.

Store upright, dry, cool and out of direct sunlight. Repack opened rolls in the cardboard box.

IMPORTANT NOTES:

Store upright in a dry, cool area without exposure to direct sunlight. Rewrap opened rolls in the original packaging.

Installation on damp substrates:

When used on damp substrates, all products used for substrate preparation must be tolerant to alkaline moisture or open to vapor diffusion. Concrete must be at least 28 days old. In areas where rising damp leads to hydrostatic pressure, an intact building seal must be present.

The climate above the concrete slab, floor slab or cementitious subfloor must have the specified temperature of at least 15°C and a relative humidity of max. 65% at the time of installation. UZIN Plurafilm Hydro is a moisture-resistant dry adhesive and resistant to rising damp from the substrate. UZIN Plurafilm Hydro does NOT prevent damage to the flooring caused by lack of moisture control from other sources. All other sources of moisture caused by leaks, broken pipes, poor drainage, subsurface hydrologic factors, etc., must be eliminated prior to installation.

When using UZIN Plurafilm Hydro on damp substrates, ventilation of the skirting system must be ensured. Damp substrates can lead to secondary emissions.

UZIN grants a 5-year warranty for all properties claimed in the processing instructions.

UZIN Plurafilm Hydro complies to VOB Part C, Pt. 2.7 Adhesives: "They form a fixed and durable connection, and cause no impairment to either the floor covering or the substrate and produce no pollution through odour after fitting". Follow the generally accepted rules of the trade and the technology for laying floor coverings according to the valid national standards EN, DIN, VOB, OE, SIA and TKB-Technical Briefing Note 12.

In any case, you must carry out your own adhesion tests on site before installation.

The warranty is excluded if:

- ▶ UZIN Plurafilm Hydro is used outdoors or in vehicle construction.
- ▶ the product is exposed to unusual influences, particularly of a chemical or mechanical nature.
- ▶ cracks occur in the substrate (insufficient substrate strength).
- ▶ use/processing deviates from the processing instructions (never use on stairs or walls).
- ▶ Joints and seams of resilient floor coverings in sheets and tiles (with the exception of design coverings) have not been thermally / chemically welded / grouted.
- ▶ joints or warping form on the floor covering due to dimensional changes.
- ▶ the floor covering has been laid under tension or stress.
- ▶ the installation was carried out below 15 °C (on the floor).
- ▶ UZIN Plurafilm Hydro is used in areas with increased thermal loads (e.g. conservatories).
- ▶ no test bonding was carried out.

SEALS OF QUALITY & ECOLABELS:

- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emissions
- ▶ Manufacturer-specific EPD
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Acrylates and other copolymers, wetting and defoaming agents, special film, paper

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

The product does not require any special labour protection measures. For reasons of working hygiene, we recommend avoiding eating, drinking and smoking during processing of this product. Store out of the reach of children. For more information refer to www.uzin.com or contact +49 731 4097-0.

DISPOSAL:

Empty shells and the cardboard packaging can be recycled. Material remnants can be disposed of as household waste.