

Primers for Residual Moisture Control System

# UZIN HYDRO PRIMER 1 AND 2

Primers for use in the UZIN HydroBlock-System for protecting residual moisture in cementitious screeds and concrete

**MAIN APPLICATION FIELD:**

- ▶ primers for use in the UZIN HydroBlock-System. For unheated cementitious screeds up to a residual moisture content of 5 CM-% / 98% RH (on heated screeds up to 2.5 CM-% / 85% RH). The moisture barrier effect is only achieved by installing the whole system (UZIN Hydro Primer 1 & 2, UZIN Hydro LevelStar).
- ▶ for the subsequent installation of resilient and textile floor coverings, as well as multi-ply wood flooring

**SUITABLE ON / FOR:**

- ▶ only in conjunction with the UZIN HydroBlock-System on cementitious screeds
- ▶ only in conjunction with the UZIN HydroBlock-System on concrete in upper floors or concrete slabs without rising moisture
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ suitable for residential, commercial and industrial areas



**PRODUCT BENEFITS/FEATURES:**

UZIN Hydro Primer 1 and UZIN Hydro Primer 2 are the first two components in the UZIN HydroBlock-System. In combination with the self levelling compound UZIN Hydro LevelStar, to help protect against residual moisture in unheated cementitious screeds and concrete. The levelling compound must be installed with a minimum thickness of 3 mm. For interior use.

- ▶ 2 ready mixed primers
- ▶ resistant against alkaline moisture
- ▶ easy application by roller
- ▶ quick drying



**TECHNICAL DATA:**

Packaging	CUBE it simple
Pack size	each 5 kg
Shelf life	min. 9 months
Color	Primer 1: yellow Primer 2: blue
Consumption	each approx. 100 g/m <sup>2</sup>
Drying time	Primer 1: approx. 60 minutes* Primer 2: min. 12 hours*
Minimum application temperature	15 °C at ground level

\*At 20 °C and 65% relative humidity.



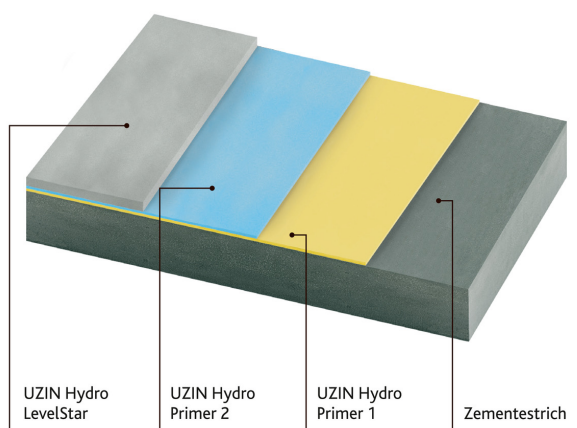
## SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standard or notices and report any deficiencies.

Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Allow the primer to dry completely. The datasheets for other used products have to be observed.

## APPLICATION:

1. Before use, allow containers to come to room temperature and shake well.
2. Apply an even coat of UZIN Hydro Primer 1 onto the surface using a microfibre roller or the UZIN Nylon Roller and leave to dry for approx. 1 hour. Avoid pooling.
3. Then, apply an even coat of UZIN Hydro Primer 2 with a microfibre roller or the UZIN Nylon Roller onto UZIN Hydro Primer 1. Avoid pooling.
4. After min. 12 hours, UZIN Hydro LevelStar can be applied over of the dry primers.
5. Clean tools with water after use.



### UZIN Hydro Primer 1:

- ▶ Adhesion to the substrate including bonding of dust
- ▶ Resistant against alkaline moisture
- ▶ HydroBlock Level 1

### UZIN Hydro Primer 2:

- ▶ Adhesion to UZIN Hydro LevelStar
- ▶ Resistant against alkaline moisture
- ▶ HydroBlock Level 2

### UZIN Hydro LevelStar:

- ▶ Blocking of remaining moisture due to its special pore structure

- ▶ Resistant against alkaline moisture
- ▶ HydroBlock Level 3

## APPLICATION CHART:

Foundation / Application	Consumption	Drying Time
UZIN Hydro Primer 1	approx. 100 g/m <sup>2</sup>	approx. 60 minutes*
UZIN Hydro Primer 2	approx. 100 g/m <sup>2</sup>	min. 12 hours*

\*At 20 °C and 65% relative humidity.

## IMPORTANT NOTES:

- ▶ A shelf life of 9 months when stored in moderately cool conditions, in the original packaging. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- ▶ Best applied between 15 - 20 °C, with the floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and high air humidity lengthen the drying time. Whilst high temperatures and low air humidity shorten the drying time.
- ▶ Do not use in exterior or wet areas.
- ▶ The moisture barrier effect is only achieved by installing the whole UZIN HydroBlock-System. UZIN Hydro LevelStar must be applied with a minimum thickness of 3 mm.
- ▶ The coloured primers are not water soluble. Therefore, protect skirtings or areas which stay visible after the installation. Dispose rollers after use.
- ▶ Not suitable as a primer for direct bonding of wood flooring.
- ▶ Not suitable for constructions without a structural DPM or for rising moisture direct from the ground.
- ▶ Not suitable on water soluble adhesive residues or tackifiers, as well as on bitumen adhesive residues. Please look for suitable products in the UZIN Product Guide.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring and floor covering in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

## SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ DE-UZ 113 / Environmentally friendly because of low

## COMPOSITION:

Polymer dispersion, preservation agents, additives and water.

## **PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:**

Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Keep out of the reach of children. Do not eat, drink or smoke during the installation. After contact with eyes or skin, wash immediately with plenty of water. Do not allow dispersal into drains, sewers or ground. Rinse tools with water and soap immediately after use. When fully dried 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, bronopol. Hotline for allergy information +49 731 4097-0.

## **DISPOSAL:**

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