



Universal Primer

# UZIN PE 360

Dispersion primer for absorbent, new substrates as well as for old adhesive and levelling compound residues

## Description:

Ready to use, rapid drying dispersion primer mainly for the pre-treatment of absorbent, mineral substrates prior to application of cement and calcium sulphate levelling compounds. For use under floor covering and wood flooring installations. For interior and exterior use.

Suitable for/on:

- ▶ very absorbent substrates, e.g. cement screeds, rapid cement screeds, cement-/gypsum- based levelling compounds or concrete
- ▶ calcium sulphate screeds
- ▶ gypsum-based substrates, plasterboard or plaster-fibre-board
- ▶ renders and brickwork
- ▶ old, well-bonded, waterproof residues of adhesives and levelling compounds
- ▶ heavy wear in domestic, commercial and industrial locations
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ **not suitable as a primer under dispersion wood flooring adhesives**
- ▶ as a system component in high-speed construction

As a primer prior to application of UZIN cement and calcium sulphate levelling compounds as a bonding agent, to reduce absorbency and to bind dust on predominantly absorbent substrates. Can also be used prior to direct adhesion with UZIN dispersion adhesives (not under wood flooring adhesives).



## Product Properties/Benefits:

Water-based dispersion primer with good penetration and surface strengthening properties based on an especially fine-particle synthetic resin hydrosol. Binds surface dust, reduces the absorbency of the substrate, protects moisture-sensitive substrates from the water in levelling compounds and adhesives and avoids too rapid absorption of the mixing water in levelling compounds. Due to its special composition, UZIN PE 360 is especially quick drying and therefore saves the user from long waiting times.

Composition: Modified styrol-acrylate copolymers, wetting- and de-foaming agents, preservatives, water.

- ▶ Ready to use
- ▶ Very rapid drying
- ▶ Penetrates into the substrate
- ▶ Binds surface dust
- ▶ Reduces the absorbency of the substrate
- ▶ Sprayable
- ▶ High-speed construction product
- ▶ Solvent-free

## Technical Data:

Packaging:	plastic canister / barrel
Packsizes:	5 kg, 10 kg, 20 kg, 120 kg
Shelf life:	min. 12 months
Colour liquid / dry:	light blue / transparent
Consumption:	100 – 150 g/m <sup>2</sup>
Working temperature:	min. 10 °C / 50 °F at floor level
Drying time, ready for coating after:	1 – 6 hours*

\*At 20 °C / 68 °F and 65% relative humidity. See also "Applications Chart".



## Substrate Preparation:

The subfloor must be sound, load-bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease) that would impair adhesion. Calcium sulphate-screeds must be abraded and vacuumed as a chargeable service, either as a finishing treatment by the screed installer, or as a special project by the installer of the floor covering. Test the subfloor in accordance with applicable standards and notices and report any deficiencies.

Brush, abrade, grind or shot-blast to remove any weakly bonded or soft surface sections, e.g. separating agents, loose residues of adhesives, levelling compounds, coverings or paints, etc. Thoroughly vacuum to remove loose material and dust. Test well-bonded residues of adhesives and levelling compounds to ensure they are waterproof. If not waterproof (water test: adhesive bed dissolves with short-term exposure to water) use the water- and solvent- free 2-Component Epoxy Primer-Sealer UZIN PE 460. Always allow primers to dry thoroughly.

Refer to the Product Data Sheets for other products used.

## Application:

1. Before use, allow containers to come to room temperature and shake well – then decant the contents into a clean, oval applicator bucket.
2. Apply a full, even coat of the primer onto the subfloor using the UZIN fine-pored Foam Roller. On very absorbent surfaces, do not pour onto the surface so as to avoid localised saturation; if necessary, a second coat may be required.
3. Clean tools with water immediately after use.

## Applications Chart:

Allow to dry to a clear, transparent, almost tack-free film.

Substrate	Consumption	Drying Time
Cement-based substrates	100 – 150 g/m <sup>2</sup>	approx. 1 hour*
Calcium sulphate substrates, gypsum-based substrates, renders	100 – 150 g/m <sup>2</sup>	4 – 6 hours*
Substrates with poor absorbency, e.g. old, grinded, waterproof adhesive residues	100 – 150 g/m <sup>2</sup>	4 – 6 hours*
UZIN gypsum-based levelling compounds on calcium sulphate screeds	100 – 150 g/m <sup>2</sup>	1 hour*

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

## Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Carefully and tightly reseal opened containers and use the contents as quickly as possible. Use any material that has been mixed with water within a few days.
- ▶ Optimum working conditions are 15 – 25 °C/59 – 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 drying time.
- ▶ As a general rule, UZIN PE 360 should be used undiluted. Should dilution with water up to max. 1:1 be considered appropriate in individual cases for use on cement-based substrates, then this may change the above-described properties, e.g. drying times, adhesion or barrier effect against mixing water.
- ▶ When applying levelling compounds in several coats, allow each coat to dry completely, apply an intermediate coat of UZIN PE 360 and, after sufficient drying time for the primer, apply the next coat of levelling compound.
- ▶ If applying a levelling coat of more than 10 mm thickness, epoxy-resin primers such as gritted UZIN PE 460 are preferable – alternatively, obtain technical advice.
- ▶ Conditionally for use on poorly gritted mastic asphalt. In such cases, the thickness of the following cementitious levelling compound must not exceed 3 mm.
- ▶ Not suitable on water-soluble adhesive residues (e.g. sulphite adhesives) or fixatives. Here, use gritted UZIN PE 460.
- ▶ On bitumen adhesive residues use gritted UZIN PE 460 or UZIN PE 260.
- ▶ The following standards and notices are applicable and especially recommended:
  - DIN 18 365 "Working with floor coverings"
  - DIN 18 356 "Working with wood flooring and wood-blocks"
  - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation"
  - BEB publication "Assessment and preparation of surfaces"

## 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.

## Disposal:

Where possible, collect all product waste 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.