

Super Fast Primer

UZIN PE 280

Dispersion primer with carbon technology for smooth and dense surfaces

MAIN APPLICATION FIELD:

- ▶ UZIN PE 280 is a super-fast, film-forming primer, mainly for use on dense substrates. Its special technology utilising carbon particles, produces a rough and well-keyed surface, which is ready for levelling work very fast.
- ▶ For interior use.

SUITABLE ON / FOR:

- ▶ on existing surfaces requiring refurbishment
- ▶ on well-bonded, waterproof residues of adhesives or smoothing compounds (e.g. synthetic resin, neoprene, bitumen or dispersion adhesives)
- ▶ on dense substrates or substrates with low absorbency (e.g. stone floors and ceramics, water-resistant coatings, epoxy coverings)
- ▶ on existing or ungritted mastic asphalt
- ▶ on magnesia- and stonewood screeds
- ▶ on epoxy primers (e.g. UZIN PE 460, UZIN PE 480 and UZIN PE 481) or on PUR primers (e.g. UZIN PE 404 Turbo)
- ▶ prior to smoothing work with UZIN cement and calcium sulphate smoothing compounds
- ▶ for use over Arturo EP6200 Scratch Coat in the Arturo Concreta System
- ▶ on warm water underfloor heating systems
- ▶ for exposure to castor wheels in accordance with DIN EN 12 529
- ▶ for heavy wear in domestic, commercial and industrial locations



PRODUCT BENEFITS/FEATURES:

UZIN PE 280 impresses by its exceptional speed and ideal adhesion to the substrate.

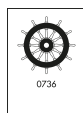
- ▶ Ready to use
- ▶ Film-forming
- ▶ Ideal bonding agent on dense surfaces
- ▶ Also suitable for wall applications
- ▶ High-speed construction product



TECHNICAL DATA:

Packaging	oblong plastic bucket
Pack size	5 kg, 12 kg
Shelf life	12 months
Colour	ochre
Consumption	70 - 150 g/m ²
Drying time	45 mins. *
Minimum application temperature	10 °C at ground level

*At 20 °C and 65% relative humidity. See application chart.



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. Used, smooth and non-absorbent substrates have to be cleaned intensively with UZIN Basic Cleaner and once dry must have a matt finish. 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 primer onto the surface using the UZIN Foam Roller. Avoid pooling.
3. Clean tools with water after use.

APPLICATION CHART:

Foundation / Application	Consumption	Drying Time
Well-bonded, waterproof residues of adhesives or compounds	100 - 150 g/m ²	approx. 45 minutes*
Dense and smooth substrates (e.g. stone floors and ceramic tiles, water-resistant coatings, epoxy coatings)	70 - 100 g/m ²	approx. 45 minutes*
Uzin PE 480, PE481 or Uzin PE 404	70 - 100 g/m ²	approx. 45 minutes*
Old or ungritted mastic asphalt screeds	100 - 120 g/m ²	approx. 45 minutes*
Magnesia or xylolite screeds	100 - 120 g/m ²	approx. 4 hours*

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

IMPORTANT NOTES:

- ▶ Shelf life of 12 months in original packaging when stored in relatively cool conditions. Carefully and tightly reseal opened containers and use the contents as quickly as possible. Allow containers to come to room temperature before use.

- ▶ Optimum work conditions are 15 – 25 °C, floor temperature above 15 °C/59 °F and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time.
- ▶ When applying smoothing compounds in several coats, allow each to dry completely, prime with UZIN PE 360 PLUS and, after a sufficient drying time, apply the next coat.
- ▶ If applying a smoothing coat of more than 10 mm thickness, epoxy resin primers such as gritted UZIN PE 460, PE 480 or PE 481 have to be used.
- ▶ Not suitable as a primer under wood flooring adhesive.
- ▶ Not suitable for use on water-soluble adhesive residues (e.g. spent sulphite adhesives) or fixatives. Please look for suitable products in the UZIN product overview.
- ▶ The following standards, regulations and publications are applicable and especially recommended:
 - DIN 18 365 “Working with floor coverings”
 - DIN 18 356 “Working with wood flooring”
 - TKB publication “Assessment and preparation of substrates for floor covering and wood flooring work
 - BEB publication “Assessment and preparation of subfloors”

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ European Model EPD
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

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. Product contains fibres based on synthetic polymer microparticles (SPM). Keep container tightly closed. Immediately collect spilled material from damaged containers and reuse or dispose of properly.

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. Product contains synthetic polymer microparticles (SPM). Avoid release to the environment. 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.