

Super Fast Primer

UZIN PE 280

Dispersion-based primer with carbon technology for non-absorbent substrates

MAIN APPLICATION FIELD:

- ▶ primer smooth, dense and non-absorbent substrates.

SUITABLE ON / FOR:

- ▶ existing substrates requiring refurbishment, on well-bonded, waterproof residues of adhesives or compounds (e.g. synthetic resin, neoprene, bitumen or dispersion adhesives residues)
- ▶ dense or low absorbent substrates (e.g. stone floors and ceramic tiles, water-resistant coatings, epoxy coatings)
- ▶ old or ungritted mastic asphalt screeds
- ▶ magnesia and xylolite screeds
- ▶ epoxy resin primers, e.g. UZIN PE 460 / UZIN PE 480 or PUR primers, e.g. UZIN PE 414 BiTurbo
- ▶ prior to installation with UZIN cement or calcium sulphate levelling compounds
- ▶ 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 PE 280 is a film forming, superfast, dispersion-based primer for non-absorbent substrates. Its special carbon fibre technology creates a gritted surface ideal for the subsequent installation of levelling compounds very fast. For interior use.

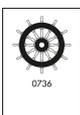
- ▶ ready mixed
- ▶ film-forming
- ▶ ideal for dense substrates
- ▶ also suitable for wall applications
- ▶ for fast construction



TECHNICAL DATA:

Packaging	plastic bucket (rectangular) / pot
Pack size	12 kg, 5 kg, 1 kg
Shelf life	min. 12 months*
Color, wet	ochre
Color, dry	ochre
Consumption	70 - 150 g/m ²
Drying time	45 minutes*
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 Nylon 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	
UZIN PE 460 or UZIN PE 414 BiTurbo	70 - 100 g/m ²	
Old or ungritted mastic asphalt screeds	100 - 120 g/m ²	approx. 4 hours*
Magnesia or xylolite screeds	100 - 120 g/m ²	

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

IMPORTANT NOTES:

- ▶ A shelf life of 12 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 - 25 °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.
- ▶ When applying compounds in several coats, allow the compound to dry completely. Then prime with UZIN PE 360 PLUS and once dry, apply the next coat of compound.
- ▶ For subsequent coats or thicknesses above 10 mm, epoxy resin primers such as UZIN PE 460, gritted must be used.
- ▶ Not suitable as a primer for direct bonding of wood flooring, as well as the installation of floor coverings with 1-comp. reaction resin adhesives.
- ▶ For subsequent installations of levelling compounds and the installation of wood flooring, please use UZIN 2-comp. reaction resin adhesives or UZIN MK 250.
- ▶ Not suitable for use on water-soluble adhesive residues (e.g. sulphite adhesives) or tackifiers. 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
- ▶ 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. 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 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.