

Super-Fast Primer

UZIN PE 280

Dispersion primer with carbon technology for smooth and dense surfaces

Description:

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

As a bonding primer:

- ▶ on existing surfaces requiring refurbishment, on well-bonded, waterproof residues of adhesives or levelling 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 460/480) or on PUR-primers (e.g. UZIN PE 414 Turbo)
- ▶ prior to levelling work with UZIN cement- and calcium sulphate-levelling compounds
- ▶ on warm water underfloor heating system
- ▶ for exposure to castor wheels in accordance with DIN EN 12 529
- ▶ for heavy wear in domestic, commercial and industrial locations



Product Benefits / Properties:

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

Composition: Modified styrol-acrylate copolymers, wetting- and defoaming-agents, preservatives, carbon fibres, synthetic and mineral aggregates, water.

- ▶ Ready to use
- ▶ Film-forming
- ▶ Ideal bonding agent on dense surfaces
- ▶ Also suitable for wall applications
- ▶ High-speed construction product
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emissions

Technical Data:

Packaging:	oblong plastic bucket
Packsizes:	5 kg, 12 kg
Shelf life:	min. 12 months
Colour wet / dry:	ochre
Consumption:	70 – 150 g / m ²
Working temperature:	min. 10 °C at floor level
Drying time:	45 mins. to 4 hrs.*

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



Substrate Preparation:

The substrate must be sound, load bearing, dry, free from cracks, clean and free from materials which would impair adhesion (e.g. dirt, oil, grease). The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported.

Any weakly bonded or soft surface sections (e.g. separating agents, loose residues of adhesives, levelling compounds, coverings or paints) have to be removed by brushing, abrading, grinding or shot-blasting. Used, smooth and non-absorbent substrates must be cleaned intensely with RZ Grundreiniger, after drying they have to be grind matt. Thoroughly vacuum to remove loose material and dust. Always allow the primers to dry completely.

Refer to the Product Data Sheets for other products used.

Application:

1. Before use, allow containers to come to room temperature and stir well.
2. Apply a full and even coat of primer onto the surface using the UZIN Nylon roller (Art.no.: 9394) or a short-pile lambswool roller. Avoid pooling.
3. Clean tools with water immediately after use.

Application Chart:

Allow to dry to an ochre-coloured film that will accept foot traffic.

Substrate	Consumption	Drying Time
Well-bonded, waterproof residues of adhesives and levelling compounds	100 – 150 g/m ²	approx. 45 min*
Dense and smooth substrates, e.g. ceramic and natural stone tiles, reworked stone, terrazzo, water-resistant coatings, epoxy coatings, metal surfaces, other dense substrates	70 – 100 g/m ²	approx. 45 min*
UZIN PE 460 or UZIN PE 414 Turbo	70 – 100 g/m ²	approx. 45 min*
Mastic asphalt that is old or un-gritted	100 – 120 g/m ²	approx. 45 min*
Magnesia- and stone-wood screeds	100 – 120 g/m ²	approx. 4 hours*

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

Important Notes:

- ▶ Shelf life minimum 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 levelling 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 levelling coat of more than 10 mm thickness, epoxy resin primers such as gritted UZIN PE 460 or PE 480 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”

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. EMICODE EC 1 PLUS – very low emission. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC). 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 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.