PRODUCT DATA SHEET

Multipurpose Primer

UZIN PE 260

Dispersion primer for existing substrates in renovation work

Description:

Very low emission, highly concentrated and film-forming dispersion primer for existing surfaces in renovation work for pre-treatment of predominantly dense surfaces, those with low absorbency as well as wooden substrates prior to application of cement- and calcium sulphate-levelling compounds as well as cement-based adhesive mortars. For use prior to levelling work under floor coverings and wood flooring as well as ceramics and natural stone in interior locations.

Suitable for / on:

- existing surfaces requiring refurbishment, e.g. onto well-bonded, waterproof residues of adhesives and levelling compounds, e.g. residues of synthetic resin, neoprene, bitumen or dispersion adhesives
- dense substrates or substrates with little absorbency, e.g. as bonding agent on existing stone floors and ceramics, water-resistant coatings, epoxy coverings or other dense substrates
- chipboard V 100, OSB boards or other suitable wooden substrates
- existing or un-gritted mastic asphalt
- magnesia- and stonewood-screeds
- diluted also on absorbent, dusty substrates
- 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**

GEV-EMICODE EC 1 PLUS very low emission

Product Properties / Benefits:

As a bonding primer prior to thin-coat smoothing work with UZIN cement- and calcium sulphate-levelling compounds onto predominantly dense and low absorbent existing and wooden substrates.

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

- Ready to use (according to usage)
- Film-forming
- Bonding agent on dense surfaces
- Highly concentrated
- High barrier effect against mixing water
- Excellent bond to many surface types
- Solvent-free
- EMICODE EC 1 PLUS / Very low emission PLUS

Technical Data:

Packaging:	plastic canister / pot
Packsize:	1 kg, 5 kg, 10 kg
Shelf life:	min. 12 month
Colour wet / dry:	white / transparent
Consumption:	40 – 150 g/m²
Working temperature:	min. 10 °C / 50 °F at floor level
Drying time, ready for levelling after:	4 – 6 hours*

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

UZIN | A Brand of UFLOOR Systems

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UZIN PE 260

Substrate Preparation:

The substrate must be sound, load-bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease) which 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. Clean used, smooth, non-absorbent substrates intensely with UZIN RG 194 and water, after drying grind matt and vacuum. 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 shortterm 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 empty the contents into a clean oval bucket and dilute with water as required according to the type of use (see "Applications Chart").
2. Apply a full and even coat of primer onto the surface using the UZIN fine-pored Foam Roller..
3. Clean tools with water immediately after use.

Applications Chart:

Substrate	Dilution UZIN PE 260 with water	Drying time*
Well-bonded, waterproof adhesive residues	pure	4 – 6 hours
Mastic asphalt (not gritted), dense substrates		
Chipboard, wooden substrates		
Magnesia- and stonewood-screeds		
Substrates with dusty or rough surfaces	1 : 1 to 1 : 2	4 – 6 hours
Absorbent substrates, e.g. cement screeds	up to 1 : 3	1 hour

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

Consumption:

Consumption for roller application and according to dilution (MR = mixing ratio):

Dilution (primer : water)	Consumption of UZIN PE 260
pure	100 – 150 g/m²
MR 1 : 1	approx. 75 g/m²
MR 1 : 2	approx. 50 g/m²
MR 1 : 3	approx. 40 g/m²

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 material that has been diluted 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 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 260 diluted 1 : 3 and, after a sufficient drying time, apply the next coat.
- When using UZIN PE 260 as a bonding agent on epoxy resin primers, obtain technical advice. For visual distinction the primer can be mixed with up to 1 % of UZIN Epoxy Colourant.
- 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.
- On magnesia screeds the thickness of the following cementious levelling compound must not exceed 3 mm.
- Not suitable for use on water-soluble adhesive residues (e.g. spent sulphite adhesives) or fixatives. Here, use gritted UZIN PE 460.
- 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 and wood-blocks"
  – DIN 18 352 "Working with tiling and natural stone"
  – 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 PLUS. 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 ecologically and physiologically harmless. 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 all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic buckets 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.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information. The respective updated version of this datasheet can be found on our Homepage under www.uzin.com.
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