UZIN. YOUR FLOOR. OUR PROMISE.

Ready-to-use Primer

Premium Plus – Substrate Primer

UZIN PE 360 PLUS

Acrylic based primer for absorbent surfaces

GEV-EMICODE EC 1 PLUS very low emission

LEED® contributing product

Description:

Fast-drying, ready-to-use primer for use over porous substrates prior to the application of cement or gypsum based UZIN patching compounds, self-levelers and thin set mortars.

Suitable for:

- Interior use only
- Absorbent substrates (concrete, cementitious and gypsum based self-leveling compounds)
- A fast track construction system component
- Residential and commercial application
- Substrates up to 100 % RH and pH up to 14*
- Use over radiant floor heating systems

* See "Important Notes" for additional information.

Features

- Single component
- Spray application capable
- Fast drying formula
- Solvent free
- Low VOC (< 10 g/L)

Benefits

- Ready to use, no dilution required
- Fast application – consistent film thickness
- Saves time
- Environmentally friendly
- EMICODE EC1 PLUS Certified

Product Properties:

Very low emission primer for thin coat smoothing work with UZIN cement and gypsum self-leveling compounds on existing concrete or gypsum substrates. Applicable for most types of interior flooring installations. Ready to use. Do not dilute.

Technical Data:

Packaging:	1 gal./3.79 kg/3.79 l 'CUBE It' & 2.6 gal./9.85 kg/9.85 l plastic pail	
Storage:	minimum 12 months	
Freeze / thaw stability:	(5 cycles) 28 °F (– 2 °C)	
Color liquid / dry:	light blue / transparent	
Packaging size:	**1 gal./3.79 kg/3.79 l**	**2.6 gal./9.85 kg/9.85 l**
Coverage rate (approx.*):	Sq. ft per pail	Sq. ft. per pail
	Up to 600	Up to 1,600

* Actual coverage may vary depending on substrate conditions.

pH value at 68 °F (20 °C):	8
Substrate RH % & pH:	100 % RH / pH up to 14
VOC:	< 10 g/l
Working temperature:	min. 50 °F (10 °C) at floor level
Drying time (approx.*):	ready for self-leveling after 30 – 60 minutes*

* At 70 °F (21 °C) and 65 % relative humidity. See "Applications Chart".

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Substrate Preparation:

The subfloor must be structurally sound, solid, dry, porous, free from active cracks, clean and free of all contaminants such as grease, oil, paint, wax, curing and sealing compounds that would impair adhesion. Gypsum concrete substrates must be abraded and vacuumed prior to applying UZIN PE 360 PLUS. Test the substrate in accordance with applicable standards relative to moisture content. Any weakly bonded or soft surface material, such as loose patching compounds, leveling compounds, floor coverings or coatings must be completely removed by shot blasting, abrading, grinding or wet scraping. **Caution: Do not sand or grind adhesive residue, as harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for instructions.** Thoroughly vacuum off all loose material or dust.

Adhesive residues must be completely removed from substrate to provide a porous surface prior to the application of UZIN PE 360 PLUS and subsequent UZIN patching, self-leveling compounds or thin set mortars.

For additional information regarding subfloor preparation, please refer to the UZIN "Substrate Preparation Guide".

Application:

1. Before use, allow contents of container to acclimate to room temperature. Thoroughly shake container, before pouring required amount of liquid into a clean bucket or low pressure garden sprayer. UZIN PE 360 PLUS is ready to use and must not be diluted with water.
2. Apply a full, even coat of primer onto the subfloor using the required application tool (see: Application Chart). Avoid any pooling. Too heavy of an application or "pooling" will delay UZIN PE 360 PLUS dry time.
3. Clean tools with water immediately after use. Allow UZIN PE 360 PLUS to dry completely before the application of UZIN patching compounds, self-leveling compounds or thin set mortars.

Application Chart:

Substrate/Condition	Application Tool	Dry Time* (approx.)
Absorbent substrates & rough surfaces	UZIN Nylon Roller or low pressure garden sprayer**	30 – 60 mins*
Highly absorbent such as gypsum concrete or shot blasted substrates	UZIN Nylon Roller or low pressure garden sprayer**	30 mins*

* At 70 °F (21 °C) and 65 % relative humidity. See "Important Notes".
** Sprayer application must be back-rolled immediately with UZIN Nylon Roller.

Important Notes:

- Storage: minimum 12 months in original packaging when stored in relatively cool conditions. Protect from freezing. Tightly reseal opened containers and use the contents as quickly as possible.
- Optimum application conditions are 60 – 77 °F (16 – 25 °C), floor temperature above 60 °F (16 °C) and relative humidity below 65 %. Dew point (not within 5 °F and temperature on the rise) must be observed. Low temperatures and high humidity lengthen, and high temperatures and low humidity shorten the drying time.
- Frost resistance (5 cyles) 28 °F (– 2 °C).
- When applying more than one application of self-leveling compound, allow each layer to dry completely and then prime with UZIN PE 360 PLUS. Allow UZIN PE 360 PLUS to dry to a clear, transparent, almost tack free film (refer to the UZIN PE 360 PLUS product data sheet for dry times). Once primer has dried, apply next layer of self-leveling compound.
- For self-leveling work in greater depths it is recommended to use a suitable UZIN moisture vapor retarder gritted with a broadcast of clean, dry sand #20 (ASTM U.S. Sieve Number) over the surface of wet MVR to point of refusal. Please call UZIN Technical Department regarding your specific job situation or requirement.
- Not suitable for use as a moisture retarder on concrete substrates. Select a suitable UZIN moisture vapor retarder.
- Not suitable for use in direct contact with wood flooring adhesives.
- The following standards, regulations and notices are applicable and especially recommended:
  - ASTM F710-17 "Standard Practice for Preparing Concrete Floors To Receive ResilientFlooring".
  - ASTMC109M-16a "Test method for compressive strength of hydraulic cement mortars".
  - ASTM F1869-16a "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride".
  - ASTM F2170-17 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes".

Protection of the Workplace and the Environment:

Precautions:
Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at www.uzin.us.

Disposal:

Disposal should be in accordance with local, state and federal regulations. Where possible, collect product residues and re-use. Do not allow into drains, waterways or landfill. Empty containers are recyclable.

The above information is based on our experience and testing. Uzin Utz North America, Inc. is not responsible for the variety of associated materials and variable construction and working conditions that occur on jobsites. The quality of your work depends on your own professional judgment and product usage. If in doubt of any application recommendation or instruction, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information.

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