

Premium Plus – Substrate Primer

UZIN PE 360 PLUS

Dispersion primer for absorbent surfaces

DESCRIPTION:

Ready to use ultra-low VOC water-based primer for use over absorbent substrates.

SUITABLE FOR:

- ▶ Interior use only
- ▶ Concrete substrates up to 100% RH and pH 14*
- ▶ Use over lightweight concrete
- ▶ Use over existing portland and gypsum-based leveling compounds and thinset mortar
- ▶ Residential and commercial application
- ▶ Use with radiant floor heating systems

*See "Substrate Preparation" for additional information



FEATURES AND BENEFITS:

- ▶ Read-to-use • Less waste
- ▶ Fast-drying formula • Saves time
- ▶ Spray application capable • Fast application
- ▶ Film forming • Excellent porosity control



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	min. 12 months
Color, wet	light blue
Color, dry	transparent
Coverage	up to 600 sq. ft. / pail (1.gal.)* up to 55 m ² / pail (1.gal.) up to 1,600 sq. ft. / pail (2.6 gal.)* up to 148 m ² / pail (2.6 gal.)
VOC	< 10 g/L
Drying time	ready for self-leveling after 30–60 minutes*
Minimum application temperature	50 °F (10 °C) at floor level
Frost resistance for 5 cycles	28 °F (-2 °C)

*At 70 °F (21 °C) and 65 % relative humidity. Surface profile and porosity, application depth, temperature, and humidity will affect dry time and coverage.



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EXTENDED APPLICATIONS:

- ▶ bonding primer for wall areas

PRODUCT PROPERTIES:

UZIN PE 360 PLUS is a ready to use high moisture and pH resistant film forming primer applied to absorbent surfaces for the subsequent application of UZIN portland or gypsum-based leveling compounds, thinset mortar, dispersion, and dry tape adhesives. Do not dilute.

SUBSTRATE PREPARATION:

The subfloor must be structurally sound, solid, dry, free from active cracks, clean, and free of all contaminants, including but not limited to dust, grease, oil, paint, wax, curing, and sealing compounds, or cleaning solution residue that would impair adhesion. If necessary, mechanically prepare and clean the surface by grinding, shot blasting, or sanding, and thoroughly vacuum off all loose material and dust following OSHA recommended guidelines. Do not use sweeping compounds. Any weakly bonded or soft surface material, such as loose patching compounds, leveling compounds, floor coverings, or coatings, must be removed. Do not apply this product over any acid-etched or chemically abated adhesive surfaces. Please refer to the UZIN Substrate Preparation Guide for additional information.

CAUTION: Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Do not sand, grind, or disturb any surface or adhesive residue that may contain asbestos or lead, as harmful dust may result. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for instructions.

Substrate Moisture Testing and Assessment

Evaluate concrete substrates following ASTM F710 guidelines. Select a suitable UZIN moisture vapor retarder if required. UZIN PE 360 PLUS primer is not a vapor retarder and will allow water vapor diffusion. Always reference the limitations of the UZIN products, floor covering, and adhesive manufacturers' guidelines. If these limitations are in conflict, the most stringent requirements shall apply.

APPLICATION:

1. Optimum product application conditions are 60–77 °F (16–25 °C) and relative humidity below 65%.
2. Thoroughly shake container.
3. Pour required amount of liquid into a clean bucket. UZIN PE 360 PLUS is ready to use and must not be diluted with water.
4. Apply a full, even coat of UZIN PE 360 PLUS onto the subfloor using the required application tool.
5. Avoid any pooling.

6. Coverage rate up to approx. 600 sq. ft. per gal.
7. Clean tools with water immediately after use.
8. Allow UZIN PE 360 PLUS to dry completely before the application of UZIN patching compounds, leveling compounds, or thinset mortars.
9. Product has a minimum 12-month storage life in original packaging when stored indoors in dry conditions.

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.

**Sprayer application must be back-rolled immediately with an UZIN Nylon Roller

- ▶ High temperatures and low humidity will accelerate drying. Low temperature and high humidity will delay drying.

IMPORTANT NOTES:

- ▶ Tightly reseal opened packaging and use the contents as quickly as possible.
- ▶ High temperatures and low humidity will accelerate drying.
- ▶ Low temperature and high humidity will delay drying.
- ▶ Do not apply to wet surfaces. Observe surface temperature at a minimum 5°F (3°C) above the dew point with temperature on the rise during application.
- ▶ If multiple layers of UZIN self-leveling compound is necessary, allow the first layer to dry completely and then prime with UZIN PE 360 PLUS. The second layer must not exceed the thickness of the first layer.
- ▶ When using UZIN PE 360 PLUS, substrate conditions (surface profile, density or surface strength, in-service use) are recommended to be qualified before application of UZIN products that will exceed 1/2" (12.5 mm). UZIN PE 460 reaction resin gritted with a broadcast of clean, dry sand #20 (ASTM U.S. Sieve Number) should be considered. Please call UZIN Technical Department regarding your specific job site condition.
- ▶ Do not acid-etch surfaces or apply UZIN PE 360 PLUS over chemically abated surfaces.
- ▶ The maximum dry time from the initial application is 30 hours. Ensure the primed surface remains clean, remove any dust or contamination.
- ▶ Not suitable for use as a moisture vapor retarder or pH barrier on concrete substrates. Select a suitable UZIN moisture vapor retarder.
- ▶ Not suitable for application over water-soluble adhesive residues. Refer to the UZIN product data sheets for PE 460 or PE 414 TURBO reaction resins.
- ▶ Not for use in direct contact with one-component reaction resin wood flooring or floor covering adhesives.

- The following standards, regulations and notices are applicable and especially recommended:
- ASTM F710 "Standard Practice for Preparing Concrete Floors To Receive Resilient Flooring".
 - ASTM F2170 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes".
 - ASTM F1869 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride".

COMPOSITION:

Polymer dispersion, preservation agents, additives and water.

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:

For disposal and recycling, follow the applicable laws and regulations. When possible, avoid or minimize waste generation. Do not allow the material to get into sewers, waterways or unlined ground surfaces. Empty packaging can be recycled.

INDOOR AIR QUALITY INFORMATION

Certification: SCS Indoor Advantage™ Gold

VOC content: < 10 g/L, compliant with SCAQMD 1113

VOC emission: Conforms to the CDPH Standard Method (CA 01350) V1.2-2017; 5.0 mg/m³ or less TVOC emission.