

## Premium - Substrate Primer

# UZIN PE 260

Dispersion primer for absorbent and non-absorbent surfaces

### DESCRIPTION:

Fast-drying water-based primer used for priming surfaces before applying UZIN portland or gypsum-based self-leveling compounds. UZIN PE 260 can be used undiluted or diluted depending on surface absorbency. Also for use with UZIN thinset mortar, dispersion, and dry tape adhesives.

### SUITABLE FOR:

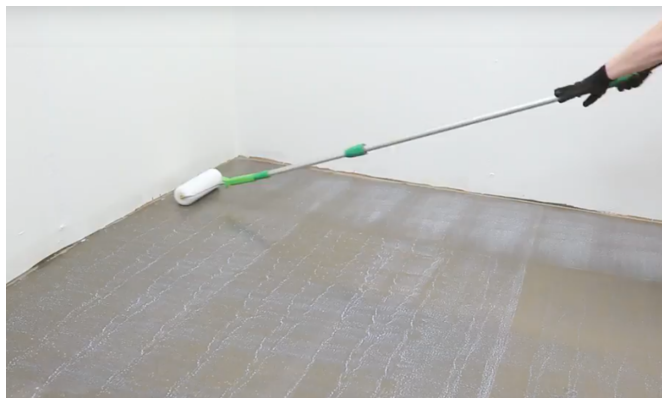
- ▶ Interior use only
- ▶ Concrete substrates up to 85% RH
- ▶ Use over portland and gypsum leveling compounds
- ▶ Use over well bonded non-water-soluble adhesive residues including cutback adhesive\*
- ▶ Use over new, structurally sound, OSB underlayment or equally rated subfloor materials
- ▶ Residential and commercial applications
- ▶ Use with radiant floor heating systems

\*See "Substrate Preparation" for additional information.



### FEATURES AND BENEFITS:

- ▶ Highly concentrated • Apply undiluted or dilute with water
- ▶ Versatile • For use over a range of substrate conditions
- ▶ High solids content • Superior film forming and bonding



### TECHNICAL DATA:

Packaging	1 gal. / 3.8 kg / 3.8 l 'CUBE It' 2.6 gal. / 9.85 kg / 9.85 l plastic pail
Storage	min. 12 months
Color	white
Color, dry	transparent
Coverage	see coverage chart
VOC	< 10 g/L
Drying time	60-120 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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## PRODUCT PROPERTIES:

Highly-concentrated dispersion primer. Dilute with clean water before using over concrete or gypsum surfaces to allow good penetration and development of a thin film when dry. Apply undiluted to non-absorbent surfaces, plywood, and prepared non-water-soluble adhesive residue.

## COVERAGE CHART:

Packaging size:	1 gal./3.8 kg/3.8 l	2.6 gal./9.85 kg/9.85 l
Coverage (approx.*)	sq. ft/m <sup>2</sup> pail*	sq. ft/m <sup>2</sup> pail*
Undiluted:	300–460 sq. ft (27–42 m <sup>2</sup> )	800–1200 sq. ft (74–111 m <sup>2</sup> )
Diluted (PE 260 : water)		
1 : 1	up to 540 sq. ft (50 m <sup>2</sup> )	up to 1,400 sq. ft (130 m <sup>2</sup> )
1 : 2	up to 800 sq. ft (74 m <sup>2</sup> )	up to 2,100 sq. ft (195 m <sup>2</sup> )
1 : 3	up to 1,040 sq. ft (96 m <sup>2</sup> )	up to 2,700 sq. ft (250 m <sup>2</sup> )

\*Actual coverage may vary depending on substrate conditions.

## 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. Wood substrates must provide a rigid base and be securely fastened without excessive vertical movement. The surface of the wood must be clean and free of oils, grease, wax, dirt, varnish, shellac, and any contaminants that would impair adhesion. If necessary, sand down to bare wood. Do not apply UZIN products directly to fire-retardant or pressure-treated wood 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 260 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:

- Optimum product application conditions are 60–77 °F (16–25 °C) and relative humidity below 65%.
- Thoroughly shake container.
- Pour required amount of liquid into a clean bucket. A. UZIN PE 260 is ready to use (for non-porous substrates). B. For porous substrates, UZIN PE 260 must be diluted with water. See Application Chart.
- Apply a full, even coat of UZIN PE 260 onto the subfloor using the required application tool.
- Avoid any pooling.
- Coverage rate (per gal.) up to approx. 460 sq. ft. (undiluted). Up to approx. 1,040 sq. ft. (diluted 1:3).
- Clean tools with water immediately after use.
- Allow UZIN PE 260 to dry completely before the application of UZIN patching compounds, leveling compounds, or thinset mortars.
- Product has a minimum 12-month storage life in original packaging when stored indoors in dry conditions.

## APPLICATION CHART:

Substrate / Condition	Application Tool	Dilution (UZIN PE 260: water)	Dry Time*
Well-bonded, nonwater soluble adhesives including cutback	UZIN Nylon Roller Item #9394	Undiluted	60–90 mins*
Plywood, OSB, other wood substrates	UZIN Nylon Roller Item #9394	Undiluted	60–90 mins*
UZIN PE 460 or UZIN PE 414 TURBO	UZIN Nylon Roller Item #9394	USE UZIN PE 280	45 mins*
Absorbent substrates or rough surfaces	UZIN Nylon Roller or exploded tip push broom	1 : 1 to 1 : 2	60 mins*
Highly absorbent such as gypsum concrete or shot blasted substrates	UZIN Nylon Roller or exploded tip push broom	up to 1 : 3	60–120 mins*

\*At 70 °F (21 °C) and 65 % relative humidity

- ▶ To reduce the potential for pinholing in patching / leveling compounds, highly absorbent substrates are recommended to receive a two coat application of PE 260. Apply first coat diluted 1 : 3 and allow for drying before the second coat application diluted 1 : 1.
- ▶ Dry time will vary depending on substrate surface porosity. 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.
- ▶ 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 260 (1:3 dilution). The second layer must not exceed the thickness of the first layer.
- ▶ When using UZIN PE 260, 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) depth. 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.
- ▶ 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 current standards 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](http://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/m<sup>3</sup> or less TVOC emission.