



Technical Data Sheet

PVA PRIMER

Product Overview

PVA Primer is a water based acrylic emulsion primer engineered for interior surfaces. It promotes strong adhesion, smooth flow and includes an antimicrobial additive. With zero VOC emissions (per ISO 11890), it supports healthy indoor air quality.

Key Features

- **Uniform Base:** Creates a consistent undercoat for topcoats to adhere.
- **Surface Improvement:** Hides minor imperfections and levels slight irregularities.
- **Antibacterial Protection:** Built in agent inhibits microbial growth in the container.
- **Low Emission Formula:** 0 g/L VOC for healthier indoor environments.
- **Easy Application:** Suitable for roller, brush or spray use.

Recommended Applications

Ideal for sealing and priming:

- Cement plaster
- Concrete
- Blockwork
- Gypsum board

Technical Specifications

Property	Value
Color	White
Specific Gravity	~1.20 kg/L (ASTM D1475)
Volume Solids	16 ± 2 % (ASTM D2697)
VOC Content	0 g/L - ISO 11890 (EU)
Freeze-Thaw Stability	Pass (ASTM D2243)
Storage Stability	Pass (6 cycles at -5/+40 °C) (ASTM D1849)
Theoretical Coverage	6.4–10.7 m ² /L

Surface Preparation

- Allow new cement or plaster at least 28 days to cure.
- Remove any loose or flaking coatings.
- Clean surfaces of dust, grease, oil, salts, mold or mildew.



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Application Instructions

- Conditions: Substrate $\geq 10^{\circ}\text{C}$ and $> 3^{\circ}\text{C}$ above dew point; moisture $\leq 8\%$; RH $< 70\%$; pH ≤ 9 .
- Mixing: Stir thoroughly before use.
- Thinning: Add up to 10 % clean water for roller or brush work.
- **Methods:**
- Roller: Medium nap for even coverage.
- Spray: Airless or conventional (0.018–0.021 tip, 65–80° spray angle, 140–190 kg/cm²).
- Brush: For corners and detail work.
- Recoating: Minimum 8 hours before applying filler or topcoat.

Drying Profile (50 % RH)

Stage	At 10 °C	At 23 °C	At 40 °C
Touch dry	6 hours	3 hours	1 hour
Hard dry	10 hours	5 hours	3 hours
Minimum Recoat Time	8 hours	4 hours	2 hours
Full Cure	7 days	7 days	7 days

Recommended System

- Primer: 1 coat of PVA Primer.
- Leveling: 2 coats of Stucco Filler.
- Topcoat: 2 coats of your chosen GM decorative finish.

Packaging & Storage

- Sizes: 4 L and 18 L pails
- Shelf Life: Up to 24 months at 25 °C
- Storage: Store sealed in a cool, dry, well ventilated area away from heat and ignition.

Safety & Environmental Precautions

- Use in well ventilated spaces; avoid inhaling mist.
- Keep product away from skin and eyes; if contact occurs, rinse with water.
- Do not eat, drink or smoke during application.
- Keep out of reach of children.

Disposal

Follow local environmental regulations when discarding any leftover product or packaging.

Disclaimer

Data reflects laboratory testing and practical experience. Specifications may change without notice. Users must verify suitability for their specific project. Liability is limited to product replacement only.