



MyPRIMER – Technical Data Sheet

Deep-Penetrating Acrylic Substrate Primer & Bonding Agent

Product Description:

MyPRIMER is a premium, ready-to-use acrylic priming preparation formulated to strengthen absorbent substrates prior to the application of microcement systems, self-leveling underlayments, paints, decorative plasters, or floor coatings. It deeply penetrates porous materials to seal the surface, equalize suction, and establish a uniform, stable foundation for the MYCROCEMENT™ system.

Key Features

- **Substrate Sealing:** Effectively seals porous surfaces to prevent premature moisture absorption out of freshly applied microcement layers or self-leveling mortars.
- **Enhanced Bond Strength:** Significantly improves mechanical and chemical adhesion between the underlying substrate and subsequent overlay coats.
- **Porosity & Flow Control:** Equalizes differential surface absorbency across varied substrates and enhances the flow and self-healing properties of underlayments.
- **Vapor Permeable:** Breathable polymer matrix allows moisture vapor transmission from within the substrate.
- **Water-Based & Low VOC:** Non-toxic, low-odor formula designed for indoor and outdoor prep work.

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Technical Specifications

Property	Standard / Value	Metric Reference
Coverage / Consumption	135 – 400 sq ft / gal <i>(0.02 – 0.06 lbs / sq ft)</i>	0.1 – 0.3 kg / m ²
Density	8.34 lbs / gal	1.0 g / cm ³
pH Level	8.0	8.0
Appearance	Milky white liquid <i>(dries clear)</i>	Milky white liquid
Application Temp Range	59°F to 77°F	+15°C to +25°C
Drying Time	2 – 4 hours <i>(at 70°F, 50% RH)</i>	2 – 4 hours
VOC Content	Low VOC / Water-Based	Low VOC

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Instructions for Use

1. Surface Preparation

- The substrate must be structurally sound, dry, clean, and free of dust, dirt, oil, grease, wax, old paints, sealers, or loose debris.
- Substrate moisture content must not exceed **3%**.

2. Radiant Heating Systems

- In-floor heating systems must be turned off at least **72 hours** prior to MyPRIMER application and remain off during installation and full cure.

3. Mixing

- Agitate and shake the MyPRIMER container thoroughly prior to use to ensure complete product homogeneity. Do not dilute unless specifically recommended for specialized substrate conditions.

4. Application

- Apply uniformly across the substrate using a short-nap roller, microfiber pad, or soft paint brush. Avoid puddling or heavy accumulation in low spots.

5. Highly Absorbent Substrates

- For highly porous, dry, or uneven surfaces, a second coat is recommended after the first coat has dried to touch (approx. 1–2 hours).

6. Subsequent Layers

- Proceed with basecoat application (such as MyBASE or MyREADY) once the primed surface has dried completely (**approx. 2 to 4 hours** under standard ambient conditions).

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Packaging, Storage & Handling

- **Packaging Sizes:** Available in **1 Quart** (32 fl oz / ~1 L) and **1.3 Gallon** (~5 L / 169 fl oz) containers.
- **Shelf Life:** 12 months from manufacture date in original, unopened packaging.
- **Storage Conditions:** Store in a cool, dry indoor location between **50°F and 77°F** (+10°C to +25°C) away from direct sunlight and heat sources.
- **CRITICAL REQUIREMENT: PROTECT FROM FREEZING.** Freezing causes irreversible damage to the acrylic polymer dispersion.

Safety & Compliance (US Market Standards)

- **Hazard Profile:** May cause mild skin irritation, eye irritation, or allergic skin reactions upon direct contact.
- **Personal Protective Equipment (PPE):**
 - **Eye Protection:** ANSI-approved safety glasses with side shields or chemical splash goggles.
 - **Skin Protection:** Chemical-resistant nitrile or PVC gloves, long-sleeved shirt, and work pants.
 - **Respiratory Protection:** Standard application requires no respirator under adequate ventilation. Wear a NIOSH-approved N95 dust mask during surface prep or sanding.
- **First Aid Measures:**
 - **Eye Contact:** Flush eyes with clean water for at least 15 minutes holding eyelids open. Seek medical attention if irritation persists.
 - **Skin Contact:** Wash thoroughly with soap and warm water.
- **US Regulatory Note:** Distributed with an SDS authored in compliance with OSHA HCS 2012 (GHS 29 CFR 1910.1200). All chemical ingredients are verified on the EPA TSCA Inventory.

Technical Information: All measurements and technical values are approximate unless otherwise stated. Coverage, consumption, drying times, and other application characteristics may vary depending on substrate condition, application technique, temperature, humidity, and other site conditions. The information provided is based on typical conditions and is intended as a general guide.

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Notice: The final determination of the suitability of the material for a specific use is the sole responsibility of the user.

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