



## DESCRIPTION

*Platinum Superior Performance Primer* is a low-VOC, magenta-colored, water-based acrylic primer that enhances the performance and adhesion of self-leveling underlayments (SLUs) on nonporous and porous substrates. Suitable for a wide variety of substrates, *Platinum Superior Performance Primer* combines excellent versatility with easy, low-odor application.

## FEATURES AND BENEFITS

- One-component, versatile primer for a wide variety of substrate conditions
- Single-coat application for faster turnaround and lower installation costs
- Easy handling and application
- Magenta-colored for easier coverage control

## LIMITATIONS

Do not install over any substrates containing asbestos. Substrate and ambient temperatures must be between 50°F and 90°F (10°C and 32°C). In all cases, the surface temperature of the prepared concrete slab must be at least 5 degrees Fahrenheit (2,8 degrees Celsius) above the dew point to avoid condensation on the concrete surface as *Platinum Superior Performance Primer* dries. For moisture limits on this primer, refer to the moisture limits of the product to be applied over it. For use only in dry, interior environments. Do not apply on wet substrates. Use undiluted over moisture-stable, exterior-grade plywood. Use undiluted over dense, nonabsorbent surfaces, such as epoxy moisture barriers, floor-covering adhesive residue, ceramic tile and vile composition tile (VCT). Dilute the product for application over absorbent, porous substrates at a ratio of 1:1 to 2:1 (water to primer).

## SUITABLE SUBSTRATES

Properly bonded tile, stone and VCT. Properly installed, 100%-solids, epoxy moisture barriers. Epoxy terrazzo, cement terrazzo and poured epoxy flooring. Cement backer units (CBUs). Substrates with traces of well-adhered, water-resistant glue (cutback adhesive, floor-covering adhesive or polyurethane adhesive). Dimensionally stable, exterior-grade plywood. Sound and stable concrete substrates, whether smooth and nonabsorbent or profiled and absorbent. Use over gypsum-based SLUs that are free of gypsum dust before application of cementitious or gypsum-based SLUs.

## SURFACE PREPARATION

All substrates must be interior, structurally sound, dry, solid and stable. Mechanically prepare existing ceramic, quarry and porcelain tile, as well as cement terrazzo.

Thoroughly clean all surfaces of any substance that could interfere with the bond of the installation material, including dirt, dust, paint, tar, asphalt, wax, oil, grease, latex compounds, sealers, curing compounds, form-release agents, laitance, loose toppings, foreign substances and poorly bonded adhesive residues. Do not acid-etch surfaces before applying *Surface Art Platinum Supreme Primer*. When applying underlayments to plywood flooring or oriented strand board (OSB), the installation specifics (finished flooring, load, use and/or deflection) may require the use of diamond-mesh metal lath (meeting the requirements of ASTM C847) on top of the primed surface before application of the underlayment.

## MIXING

Before product use, refer to the Safety Data Sheet for proper handling. Over nonabsorbent surfaces and wood, apply *Platinum Superior Performance Primer* undiluted. Over porous, absorbent surfaces, dilute *Platinum Superior Performance Primer* with water at a ratio of 1:1 to 2:1 (water to primer). Mix with water in a separate clean container – with a low-speed mixer and paddle – to a homogenous consistency. Do not mix at high speeds, which may cause product foaming. Over gypsum substrates, dilute at a ratio of 2:1 (water to primer).

## PRODUCT APPLICATION

Apply the product with a 3/8" (10-mm) nap roller. Ensure that the surface receives a complete, thin film of product. Nonabsorbent substrates and wood require only one coat of undiluted *Surface Art Platinum Supreme Primer*. Absorbent and gypsum substrates may require more than one coat of diluted *Platinum Superior Performance Primer* to seal off the substrate and prevent substrate outgassing. Self-leveling underlayments can typically be applied within 2 to 5 hours. Drying times will vary depending on the porosity of the surface, temperature and humidity. The maximum wait time from initial application is 24 hours. If the dried *Platinum Superior Performance Primer* remains uncovered for more than 24 hours, re-apply a second, undiluted coat and install the underlayment within the correct application window. If the application window is missed again, remove the primer mechanically and start the installation on the clean substrate.

## CLEANUP

Clean equipment immediately with water. Mineral spirits may be used to remove *Platinum Superior Performance Primer* that has dried on tools.

**Product Performance Properties** at 73°F (23°C) and 50% relative humidity (RH)

Laboratory Tests	Results
Solids content	43% to 45%
VOCs (Rule #1113 of California's SCAQMD)	92 g per L
VOCs (Section 01350 of California's CDPH)	Passed
pH	7 to 8
Viscosity (RV2 @ 20 rpm)	1,400 cps
Density	64.2 lbs. per cu. ft. (1,03 g per cm <sup>3</sup> )

**Shelf Life and Product Characteristics**

Polymer type	Acrylic
Consistency	Pourable liquid
Color	Magenta
Shelf life	2 years when stored in original, uno-pened packaging at 73°F (23°C) and 50% RH. Protect from freezing during transport and storage.

**Application Properties**

Application temperature range	50°F to 90°F (10°C to 32°C)
Window for application of SLU at 73°F (23°C)	Over porous substrates: <i>Platinum Superior Performance Primer</i> must dry for at least 2 to 3 hours (no longer than 24 hours). Over nonporous substrates: <i>Platinum Superior Performance Primer</i> must dry for at least 5 hours (no longer than 24 hours).
Flash point (Seta)	> 212°F (100°C)

**Packaging**

Size
2 U.S. gals. (7,57 L)

**Approximate Coverage\***

Typical Application Tool	Coverage
3/8" (10-mm) nap roller	2 U.S. gals. (7,57 L): 400 to 800 sq. ft. (37,2 to 74,3 m <sup>2</sup> )

\* Coverage depends on the dilution, substrate profile and porosity.

