

Planiprep 4 LVT [NA]

High-Moisture-Resistant Skimcoat and Embossing Leveler



NORTH AMERICA [NA]

DESCRIPTION

Planiprep® 4 LVT [NA] is a premixed, high-moisture-resistant, water-based, acrylic-resin-based skimcoat and embossing leveler.

FEATURES AND BENEFITS

- Dries fast and sands easily
- Resistant to high moisture
- Resistant to heavy rolling loads
- Ready to use, with no mixing required

WHERE TO USE

- Planiprep 4 LVT [NA] can be used for the patching and smoothing of most common subfloor materials before the installation of flooring in residential and commercial applications.
- Planiprep 4 LVT [NA] can be used to fill embossing on existing vinyl flooring as well as grout lines on existing tile before the installation of resilient and textile flooring in floor and wall applications.

LIMITATIONS

- Do not install over substrates containing asbestos.
- Do not use for exterior applications.

- Do not use over loose-lay or tension floors, existing wood flooring or any other dimensionally unstable surface.
- Do not apply in thicknesses greater than 1/16" (1.5 mm) per application or the drying time will be greatly extended.
- Do not use over metal substrates.
- Do not install unless the substrate temperature is between 50°F and 95°F (10°C and 35°C).
- Do not use to prepare substrates where a wet-lay, water-based adhesive will be used to install flooring.
- Do not install when the relative humidity (RH) of the concrete slab exceeds 99% (per ASTM F2170).
- Do not install when the moisture vapor emission rate (MVER) exceeds 12 lbs. per 1,000 sq. ft. (5.44 kg per 92.9 m²) per 24 hours, when using the anhydrous calcium chloride test (per ASTM F1869).
- Do not use in areas with known moisture problems.
- Do not use over standing water.
- Do not use as a final wear surface.

SUITABLE SUBSTRATES

- Fully adhered and well-bonded resilient, ceramic and stone flooring in good condition
- Cement-based shower pans and mud beds
- Concrete (at least 28 days old)
- Cement or epoxy terrazzo
- Exterior-grade plywood and other approved wood substrates (per the flooring manufacturer's recommendations)
- Cement-based self-leveling underlayments and patching compounds
- Properly primed gypsum underlayments that meet the requirements for compressive strength according to ASTM F2419
- Radiant-heat systems that have been properly installed and that are maintained at a maximum surface temperature of 85°F (29°C)
- Properly installed MAPEI waterproofing membranes

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- All substrates must be structurally sound, surface dry, solid and stable.
- The substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, and any other substance or condition that may affect the overall performance of the product.

See the "Surface preparation requirements" reference guide in the Floor Covering Installation Systems section of MAPEI's Website.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- Ready to use, with no mixing required

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Place *Planiprep 4 LVT* [NA] onto the surface and smooth it out using a metal flat-edge trowel or putty knife.
2. Allow the application to dry completely for 2 hours and then sand the surface using 120-grit sandpaper, making sure to use a vacuum system to remove all dust during the sanding process.
3. Secondary applications of *Planiprep 4 LVT* [NA] can be applied 2 hours after initial installation.

CLEANUP

- Clean *Planiprep 4 LVT* [NA] from tools and surfaces while wet using a white cloth and water.

PROTECTION

- Avoid walking on the installed surface for at least 2 to 3 hours after installation, depending upon temperature and humidity conditions.
- Do not expose *Planiprep 4 LVT* [NA] to rolling dynamic loads, such as forklifts or scissor lifts, for at least 24 hours after installation.

Product Performance Properties

Laboratory Tests	Results
Solids content	80% to 85%
pH	8.0 to 9.0
VOCs (Rule #1168 of California's SCAQMD)	< 20 g per L
Density	15.02 to 15.5 lbs. per U.S. gal. (1.80 to 1.85 g per cm ³)
Flash point (Tag)	> 212°F (100°C)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Consistency	Paste
Color	Beige
Maximum thickness per application	1/16" (1.5 mm)

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Packaging

Size

Pail: 1 U.S. gal. (3.79 L)

Approximate Coverage*

Flooring Type	Typical Trowel	Coverage
Embossed resilient flooring or grouted tile	Flat trowel	200 to 400 sq. ft. per U.S. gal. (4.9 to 9.8 m ² per L)
Concrete, plywood, gypsum underlayments or wall covering at a thickness of 1/16" (1.5 mm)	Flat trowel	20 to 25 sq. ft. per U.S. gal. (0.49 to 0.61 m ² per L)

*Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of equipment, thickness applied and application methods used.

RELATED DOCUMENTS

- Reference Guide: Surface Preparation Requirements for floor-covering installation systems**

**At www.mapei.com

ADDITIONAL INFORMATION

Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Edition Date: September 1, 2023 MK 3007701 (22-3331)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
All Rights Reserved. © 2023 MAPEI Corporation.

