

Planiprep SC

High-Performance, Fiber-Reinforced Skimcoating Compound



DESCRIPTION

Planiprep® SC is a high-performance, polymer-modified, fiber-reinforced cement-based skimcoating and patching compound. Use *Planiprep* SC to skimcoat and smooth minor surface variations and defects on common substrates. *Planiprep* SC creates a strong, durable surface ready for almost any floor application. Its unique formulation mixes easily with water and produces an easy-to-apply patching compound. Rapid-setting *Planiprep* SC allows for fast-track flooring installations in 30 to 60 minutes after application, depending on thickness and environmental conditions.

FEATURES AND BENEFITS

- Mixes to a smooth, easily applied consistency
- Creamy smooth texture trowels easily to create a defect-free surface.
- Provides a suitable surface for applying floor-covering adhesives over
- Rapid-set: Typically ready for floor-covering installation in 30 to 60 minutes
- Applies from featheredge up to 1" (2.5 cm)

WHERE TO USE

- Use for skimcoating concrete and approved wood subfloors/underlayments.

LIMITATIONS

- Do not install over substrates containing asbestos.
- For interior installations only
- Do not apply over self-stick tile, strip wood, particleboard, flakeboard, plank or other dimensionally unstable substrates.

- Refer to the floor-covering manufacturer regarding the maximum allowable moisture vapor emission rate (MVER) or relative humidity (RH).
- Use only when the substrate temperature is between 50°F and 100°F (10°C and 38°C).
- Do not use as a final wear surface.
- Do not use under moisture mitigation systems.

SUITABLE SUBSTATES

- APA or CANPLY Group 1 exterior-grade plywood
- Concrete and cement terrazzo
- Single layer of well-bonded vinyl composition tile (VCT)
- Cutback and non-water-soluble adhesive residues
- Ceramic tile
- Properly primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength

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

SURFACE PREPARATION

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
- Concrete must be fully cured and free of any hydrostatic and/or moisture problems.
- Use the in-situ probe method according to the most recent version of ASTM F2170 to determine RH, and/or anhydrous calcium chloride tests to determine MVER according to ASTM F1869 as needed for the final floor finish.
- Concrete slabs with excess moisture (based on the requirements of the final floor finish) should be treated with a moisture-reduction barrier. Refer to Technical Data Sheets at www.mapei.com for information on this type of product.

Refer to MAPEI's "Surface Preparation Requirements: Resilient/Carpet Adhesives" document for floor-covering installation systems at www.mapei.com.

MIXING

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

Some segregation of components may occur during transportation. Dry-blend powder before mixing.

1. Into a clean mixing container, pour 1 part of clean, cool, potable water by volume. Next, gradually add 2 parts of powder by volume while slowly mixing. This equates to approximately 2.5 U.S. qts. (2.37 L) of water per 10-lb. (4.54-kg) bag. Do not overwater.
2. Water temperature should not exceed 73°F (23°C). Higher water temperature will shorten pot life.

3. Hand-mix or use a low-speed mixer (at about 300 rpm) to mix thoroughly to a smooth, lump-free consistency (for at least 3 minutes).
4. Do not mix more material than can be applied within 15 minutes.
5. Avoid air entrapment and prolonged mixing, which will shorten pot life.
6. Apply as soon as the *Planiprep SC* is mixed.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Select an appropriate flat-edge steel trowel.
2. Immediately apply the mixture to the substrate, according to the desired thickness.
3. Blend into the surrounding area and finish to the required smoothness.
4. When applying *Planiprep SC* in thicknesses greater than 1/2" (12 mm), restrict to sections of 4 feet (1.22 m) wide at a time.
5. *Planiprep SC* must be sufficiently hardened so that applying an adhesive with a notched trowel does not damage the surface. Allow *Planiprep SC* to dry completely before the installation of floorings that are sensitive to moisture (such as wood, homogenous PVC and rubber flooring).

CLEANUP

- Use water to clean tools and equipment while product is still wet/fresh. Use mechanical means to remove cured product.

Product Performance Properties

Laboratory Tests	Results
Pot life*	20 minutes
Consistency of mix	Paste
Drying time*	30 to 90 minutes
Color	Gray
Storage conditions	1 year when stored in original packaging at 73°F (23°C) in a dry area
VOC content	0 g per L

* Pot life and drying time may vary based on temperature, humidity, substrate porosity, thickness of application and jobsite conditions.

Packaging

Size
10 lbs. (4.54 kg)

Approximate Coverage**

per 10 lbs. (4.54 kg)

Thickness	Coverage
1/8" (3 mm)	33.3 sq. ft. (3.09 m ²)
1/4" (6 mm)	16.7 sq. ft. (1.55 m ²)

*** Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according by application method, substrate, substrate conditions and actual thickness applied.*

ADDITIONAL INFORMATION

Refer to the Safety Data Sheet (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).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

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: December 9, 2024 MK 3004068 (24-1717)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
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