



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.
- Interior residential (rental apartments, condominiums, homes)
- Interior commercial (office buildings, hotel rooms and hallways, restaurants, cafeterias)

- Interior heavy commercial (hotel lobbies, convention centers, airports, shopping malls, grocery stores, department stores)
- Interior institutional (hospitals, schools, universities, libraries, government buildings)

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 properly prepared cement terrazzo
- Single layer of well-bonded vinyl composition tile (VCT)
- Cutback and non-water-soluble adhesive residues
- Properly prepared ceramic tile



- Properly prepared and 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" document for floor-covering installation systems at www.mapei.com.

MIXING

Note: Choose all appropriate safety equipment before use. Refer to the Material Safety Data Sheet (MSDS) for more information.

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

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

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

Product Performance Properties

Laboratory Tests	Results
Pot life / Working time	16 to 22 minutes
Consistency of mix	Paste
Initial set	20 to 30 minutes
Final set	30 to 90 minutes
Color	Gray
Storage conditions	1 year when stored in original packaging at 73°F (23°C) in a dry area

Note: Drying time and open/working time may vary based on temperature, humidity, substrate porosity, thickness of application and jobsite conditions.

Packaging

Product Code	Size
37411	10 lbs. (4,54 kg)

Approximate Product Coverage* per 10 lbs. (4,54 kg)

Thickness	Yield
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.

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

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 or 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,

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