



Planiprep SCTM



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 adhesives prior to floor-coverings.
- Rapid-set: typically ready for floor-covering installations in 30 to 60 minutes.
- Applies as a skimcoat up to 25 mm in thickness.

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).

RECOMMENDATIONS

- 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 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 vapour barrier. Refer to Technical Data Sheets at www.mapei.com.au for information on this type of product.
- Refer to MAPEI's "Surface Preparation Requirements" document for floor-covering installation systems at www.mapei.com.au

MIXING

Note: Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet (SDS) 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 2.3 litres per 4.5 kg bag. Do not overwater.
2. Water temperature should not exceed 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 12 mm, restrict to sections of 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 unbonded timber, homogenous PVC and rubber flooring).
6. If sanding is required, use a rubbing stone or machine with max 80 grit sandpaper.

CLEANUP

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

CONSUMPTION

3.09 m² at 3 mm of thickness
1.55 m² at 6 mm of thickness

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

PACKAGING

4.5 kg buckets.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Pot life / Working time: (at 23°C, 50 R.H.)	16 to 22 minutes
Consistency of mix:	paste
Initial set:	20 to 30 minutes
Final set:	30 to 90 minutes
Color:	grey
Storage conditions:	1 year when stored in original packaging at 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.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Planiprep SC contains cement that when in contact with sweat or other body fluids causes irritant alkaline reactions and allergic reactions to those predisposed. It can cause damage to eyes.

During use, wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com.au

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 force at the time of the MAPEI product installation. The most up-to-date TDS can be downloaded from our website www.mapei.com.au

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

All relevant references for the product are available upon request and from www.mapei.com.au

**Planiprep[™]
SC**



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