



Planiprep SATM

Concrete Scouring Agent



DESCRIPTION

Planiprep SA is a powerful, acidic scouring solution designed for preparing nonporous or chemically contaminated concrete surfaces. This product will chemically etch the surface of concrete to create a scoured, porous surface, promoting excellent adhesion for the subsequent application of adhesives or *Planiprep ET*.

FEATURES AND BENEFITS

- Removes many common concrete contaminants – such as motor oils, post-abatement chemicals and adhesive removers
- Can be used to neutralize high-pH concrete slabs with pH's greater than 12
- Etches the surface of highly polished concrete and converts it from being nonporous to porous

WHERE TO USE

- Use on concrete surfaces only.
- Interior commercial (office buildings and cafeterias)
- Interior institutional (hospitals, schools, universities, libraries and government buildings)

LIMITATIONS

- Do not use on wood substrates.
- Do not use as an abatement product for the removal or treatment of substrates that are known to have or are suspected to contain asbestos.
- Do not use to remove paint.

- Use only when the substrate temperature is between 50°F and 95°F (10°C and 35°C).
- When used as part of a post-abatement or adhesive removal treatment, the scoured concrete subfloor must be covered within 24 hours with *Planiprep ET* epoxy concrete subfloor treatment.
- Note that surfaces treated with *Planiprep SA* will be extremely slippery.

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

SURFACE PREPARATION

- All existing flooring must be removed.
- Concrete surface should be clean and free of paint, old adhesives and epoxy coatings.
- Protect delicate surfaces – such as wallpaper, painted walls, painted wall base and wood trim – by covering them with painter's tape or a plastic protective layer.
- Protect other existing flooring and surfaces from incidental contact with *Planiprep SA*.
- Protect all metal surfaces with plastic film to prevent possible etching or discoloration.

MIXING

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

- Ready to use; no mixing is necessary.

PRODUCT APPLICATION

1. Pour *Planiprep SA* concrete scouring agent onto the concrete surface. Do not dilute *Planiprep SA*.
2. Use a stiff, nylon-bristled broom to spread *Planiprep SA* over the area to be treated.
3. Allow *Planiprep SA* to act on the surface for 10 to 15 minutes, and then slowly agitate the treated area with a floor buffer equipped with a stiff-bristled brush head.
4. Wait an additional 10 to 15 minutes, and then squeegee the surface residue from the treated area and collect it using a wet/dry vacuum.
5. Thoroughly rinse the surface with clean water and scrub the area with a stiff-nylon bristled broom. Use a wet/dry vacuum to remove the rinse water.
6. Apply a second treatment of *Planiprep SA* and repeat steps 1 through 5.
7. Dispose of rinse water and *Planiprep SA* in accordance with all federal, state/provincial and local regulations.
8. Confirm that all contaminants have been removed from the concrete subfloor. If not, repeat the application of *Planiprep SA* until contaminants are totally removed.

Note: The removal of oil-based contaminants from the subfloor using *Planiprep SA* does not create a subfloor suitable for the installation of a new flooring system; rather, it must be followed with a treatment of *Planiprep ET*. However, if *Planiprep SA* is used solely for the purposes of scouring the surface and improving the porosity of the slab, floor-covering installation can proceed from this point using traditional installation methods.

9. Check the pH of the scoured concrete surface. The pH of the concrete slab should be between 7 and 12. For pH readings less than 7, rinse the concrete surface again with clean water. For pH readings greater than 12, reapply *Planiprep SA* or contact MAPEI's Technical Services Department for further recommendations.

Product Performance Properties

Laboratory Tests	Results
Density	1.1 g per mL
Flash point	> 212°F (100°C)
pH	0.7 to 1.0
VOCs (Rule #1168 of California's SCAQMD)	< 5 g per L

Shelf Life and Product Characteristics

Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Physical state	Liquid
Color	Clear
Consistency	Water-thin
Odor	Slightly acidic

Packaging

Size
Pail: 5 U.S. gals. (18.9 L)

Approximate Coverage* per 5 U.S. gals. (18.9 L)

Coverage
375 to 500 sq. ft. (34.8 to 46.5 m ²)

* Coverage depends on the profile and porosity of the substrate.

Planiprep[®]
SA

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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 meets the health and well-being requirements of product certification programs, contact the MAPEI Sustainability Team at 1-800-992-6273.

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,

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.**

We proudly support the following industry organizations:



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

1-800-992-6273 (U.S. and Puerto Rico)
1-800-361-9309 (Canada)

Customer Service

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

Services in Mexico

0-1-800-MX-MAPEI (0-1-800-696-2734)

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