

Mapecrete Protector FF

High-Gloss, Film-Forming Protective Coating for Concrete



DESCRIPTION

Mapecrete® Protector FF is a film-forming, high-gloss protective coating designed to increase the stain resistance of interior, polished or hard-troweled concrete floors.

FEATURES AND BENEFITS

- Provides a long-lasting, protective shine on interior concrete flatwork
- Helps to prevent soiling and contaminants from penetrating into concrete
- Water-based, low-VOC, nonflammable and nontoxic
- Creates easy-to-clean slabs, making maintenance faster and more effective
- Its non-yellowing formula enhances the appearance of integrally colored, stained and standard concrete.
- Ideal for floors densified with *Mapecrete Hard LI*

WHERE TO USE

- For interior, horizontal concrete floors only
- Polished or decorative concrete, cement-based toppings and cement terrazzo floors
- Concrete floors subject to accidental spills of water and other staining materials (such as ketchup, mustard, red wine, vinegar and household cleaners)
- Integrally colored, stained and standard concrete

SURFACE PREPARATION

- The concrete should be clean, dry, structurally sound and free of any dirt, residue, debris or curing compounds.

MIXING

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

- *Mapecrete Protector FF* is ready to use and must not be diluted or altered.
- *Mapecrete Protector FF* should be gently mixed or agitated before application.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Apply *Mapecrete Protector FF* using a low-pressure, pump-up sprayer with a 0.5 gpm fan spray tip, working from one control joint to another.
2. Lightly wet a microfiber mop with *Mapecrete Protector FF* and spread the damp mop over the sprayed material, keeping a wet edge. Stop spreading when drying begins and do not overlap.
3. Allow *Mapecrete Protector FF* to dry until tack-free, typically 30 to 60 minutes.
4. Apply a second coat, repeating Steps 1 to 3.
5. If additional gloss is desired on the surface, wait at least 60 minutes after the second coat has been applied and then use a high-speed floor burnisher equipped with a hog's hair pad.

CLEANUP

- Clean tools and equipment immediately after use with soap and water.

PROTECTION

- Protect from freezing. If the product freezes, discard it in accordance with local state/provincial and federal regulations.

LIMITATIONS

- Apply when ambient and surface temperatures are between 40°F and 100°F (4°C and 38°C).
- Store at temperatures between 50°F and 100°F (10°C and 38°C).
- Do not mix with any other chemicals.
- Use only on interior, horizontal concrete surfaces.
- *Mapecrete Protector FF* will not compensate for structural defects in the concrete surface.
- Protect adjacent areas that should not receive *Mapecrete Protector FF* from overspray, splashes and wind drift.

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

Product Performance Properties

Laboratory Tests	Results
Specific gravity	1.0132 g per cc
pH	8.5
Solids content	15.6%
VOCs (Rule #1113 of California's SCAQMD)	95 g per L
Flash point	> 212°F (100°C)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C) in a dry area
Consistency	Sprayable liquid
Color	Milky white

Application Properties

Drying time (until tack-free) at 70°F (21°C)	30 to 60 minutes
Ready for light foot traffic	4 hours
Ready for normal traffic	24 hours

CSI Division Classification

Concrete Finishing	03 35 00
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Approximate Coverage*

Coverage
400 to 800 sq. ft. per U.S. gal. (9.8 to 19.6 m ² per L)

* Coverage varies depending on the surface porosity.

Packaging

Size

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

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

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Customer Service

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Edition Date: August 22, 2023 MK 3000091 (23-2053)

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