



MapecreteTM Film

Evaporation Retardant and Finishing Aid



DESCRIPTION

Mapecrete Film is designed to retard moisture evaporation on concrete surfaces and aid in finishing of concrete flatwork. *Mapecrete Film* forms a thin film to prevent rapid moisture loss on newly placed concrete surfaces and is particularly effective when concrete is placed in areas with direct sun, low humidity, high winds or high temperatures. Diluted with water, *Mapecrete Film* is sprayed on fresh concrete to aid in preventing “plastic shrinkage” and potential cracking.

FEATURES AND BENEFITS

- Holds in surface moisture on concrete slabs, floors, and repairs
- Helps to prevent plastic shrinkage and potential cracking
- Water-based and compatible with fresh concrete
- Easy and economical to use
- Does not affect adhesion of curing compounds or other treatments

INDUSTRY STANDARDS AND APPROVALS

- USDA-compliant
- Canadian Health Department: Food-Facility Safe

LEED v3 Points Contribution LEED Points

MR Credit 5, Regional Materials* Up to 2 points

IEQ Credit 4.2, Low-Emitting Materials – Paints & Coatings..... 1 point

** Using this product may help contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.*

WHERE TO USE

- Interior and exterior concrete projects
- Freshly placed concrete, or concrete with little or no bleed water
- Parking decks, ramps and floor slabs

LIMITATIONS

- Use only at the specified dilution rate.
- Do not use as a curing compound.
- Store at temperatures above 40°F (4°C), with optimum storage temperature at 60°F to 80°F (16°C to 26°C).
- *Mapecrete Film* should only be used when ambient and surface temperatures are between 40°F and 95°F (4°C and 35°C).
- Use only with a fine mist spray.

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

SUITABLE SUBSTRATES

- New, fresh concrete surfaces

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

SURFACE PREPARATION

- Freshly placed concrete should be free of any dirt, residue or debris, and should be floated. No other surface preparation is necessary.



MIXING

Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet for details.

1. *Mapecrete Film* is supplied as a concentrate. It must be diluted at a rate of 1 part of *Mapecrete Film* per 9 parts of water.
2. Mix until thoroughly blended.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Apply with a tank-type, hand-pump sprayer that is capable of spraying a fine mist at a rate of 200 to 400 sq. ft. per U.S. gal. (4,9 to 9,8 m² per L).
2. Spray as soon as possible after and during bull-floating and troweling of freshly placed concrete.
3. Additional spray coats may be required in extreme drying conditions.

CLEANUP

- Before material dries, clean tools and equipment with soap and water.

CSI Division Classification

Concrete Finishing	03 35 00
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Packaging

Size
Jug: 1 U.S. gal. (3,79 L)
Pail: 5 U.S. gals. (18,9 L)
Drum: 55 U.S. gals. (208 L)

Approximate Coverage*

Coverage
200 to 400 sq. ft. per U.S. gal. (4,9 to 9,8 m ² per L)

* Coverage varies depending on surface temperature and wind speed.

Product Performance Properties

Laboratory Tests	Results
Density (ASTM D1475)	1,0 g per cm ³
VOCs (Rule #1113 of California's SCAQMD)*	< 20 g per L

* Mapecrete Film is compliant with all federal, OTC, LADCO, SCAQMD and CARB laws.

Shelf Life and Product Characteristics

Shelf life	1 year in original, unopened container at 73°F (23°C)
Form	Liquid
Color	Blue

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

STATEMENT OF RESPONSIBILITY

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **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:



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

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