

Mapecure CS

Solvent-Based, Pure Acrylic Concrete Sealer



DESCRIPTION

Mapecure™ CS is a 100%-pure acrylic polymer concrete sealer designed to protect and enhance cured concrete. Mapecure CS produces a non-yellowing, satin finish film that highlights the appearance of decorative concrete, including stamped concrete, colored concrete pavers and acid-stained concrete.

FEATURES AND BENEFITS

- Provides a protecting film against rain and airborne contaminants on concrete surfaces
- 100%-acrylic formulation for a non-yellowing and breathable seal coat
- Enhances the color and highlights the texture of decorative concrete
- Easy to apply and packaged ready-to-use

INDUSTRY STANDARDS AND APPROVALS

- USDA-compliant

WHERE TO USE

- Interior/exterior
- For concrete pavers, stamped and acid-stained concrete, decorative concrete or exposed aggregate concrete
- For residential concrete driveways, patios and sidewalks

SURFACE PREPARATION

- All substrates must be clean and free of standing water.

MIXING

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

- *Mapecure CS* is packaged as ready-to-use.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Always measure the area to be sealed, and calculate the amount of sealer required under the prescribed coverage rates to prevent over-application.
2. Apply using a solvent-resistant, low-pressure, airless or pump-up industrial sprayer with a high-solids fan tip (rated at 1 U.S. gal. [3,79 L] per minute); a solvent-resistant roller with a 3/8" (10 mm) nap; or a high-pressure, pump-up sprayer.
3. Application of *Mapecure CS* should be accomplished in two coats, following the recommended coverage rates. Allow the first coat to dry tack-free before applying the second coat.

CLEANUP

- Clean tools and equipment with solvent immediately after use.
- Dried material may require mechanical removal.

LIMITATIONS

- Do not use when ambient and concrete surface temperatures are below 40°F (4°C), or if rain is expected within 12 hours after application.
- For optimum installation, do not work in direct sunlight, or when the concrete and/or ambient temperatures are 90°F (32°C) and rising.
- Curing compounds must be removed before application of *Mapecure CS*.
- Do not apply over concrete that will receive concrete toppings, epoxy coatings or urethane-based coatings.
- Avoid excessive buildup of *Mapecure CS*, which could lead to bubbling, whitening or peeling.
- Do not use in areas subject to gasoline, brake fluid, hot grease or oils.
- When installing *Mapecure CS*, keep away from open flames and heat; extinguish pilot lights; turn off thermostats, heaters, furnaces and air cleaners; and use in well-ventilated areas with cross-ventilation.
- Do not dilute *Mapecure CS*.

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

Product Performance Properties

| Laboratory Tests | Results |
|--|------------------|
| Solids | > 25% |
| VOCs (Rule #1113 of California's SCAQMD) | 700 g per L |
| Flash point | > 107.6°F (42°C) |

Shelf Life and Product Characteristics

| | |
|----------------|--|
| Shelf life | 3 years when stored in original, unopened packaging at 73°F (23°C) |
| Physical state | Liquid |
| Color | Clear |

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Application Properties

| | |
|--|---------------|
| Adhesion to concrete | Excellent |
| Alkali resistance (48-hour exposure) | Excellent |
| Resistance to yellowing from UV exposure | Excellent |
| Drying time at 73°F (23°C) and 50% relative humidity | < 1 hour |
| Ready for recoating | 2 to 24 hours |
| Ready for foot traffic | 2 to 6 hours |
| Ready for wheel traffic | 6 to 10 hours |

CSI Division Classifications

| | |
|--------------------|----------|
| Concrete Curing | 03 39 00 |
| Concrete Finishing | 03 35 00 |

Packaging

Size

Pail: 5 U.S. gals. (18,9 L)

Drum: 55 U.S. gals. (208 L)

Approximate Coverage*

per 1 U.S. gal. (3,79 L)

| Application | Coverage |
|-------------|--|
| First coat | 275 to 325 sq. ft. per U.S. gal. (6,74 to 7,96 m ² per L) |
| Second coat | 375 to 425 sq. ft. per U.S. gal. (9,19 to 10,4 m ² per L) |

*Coverage varies depending on the porosity of the substrate.

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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Concrete and heavy construction: 1-888-365-0614

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1-800-361-9309

Customer Service

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

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