

Planitop Accelerator

Accelerating Admixture for Cement-Based Mortars



DESCRIPTION

Planitop® Accelerator is a non-chloride, liquid, hardening accelerator that acts as a catalyst to decrease set time and increase the early strength of cementitious mortars at temperatures that are colder than normal.

FEATURES AND BENEFITS

- May be used when ambient and substrate temperatures are 32°F (0°C) and rising
- Increases early strength and reduces set times without affecting workability, allowing faster repairs at colder temperatures
- Does not include calcium chloride or other added chlorides

INDUSTRY STANDARDS AND APPROVALS

- ACI 306R-10 – Guide for Cold-Weather Concreting

WHERE TO USE

- Use for high-early-strength gain and reduced setting times.
- May be used with *Planitop 12 SR*, *Planitop 15*, *Planitop 18*, *Planitop 23*, *Planitop 25*, *Planitop XS* and *Mapecem® 202* repair and screed mortars

LIMITATIONS

- Ensure that material, substrate and ambient temperatures are 32°F (0°C) or higher.
- Ensure that the lowest water mixing ratio is utilized for cold-weather applications.
- In cold weather, follow ACI 306R-10 – Guide for Cold-Weather Concreting.
- Do not mix with dry cementitious material.
- Follow the recommended dosage rates. Different dosages to those recommended rates must be tested beforehand in all cases.

SUITABLE SUBSTRATES

- Consult the individual Technical Data Sheets (TDSs) of MAPEI's repair mortars and grouts for additional information on substrate conditions.

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

MIXING

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

1. One to two *Planitop Accelerator* bottles (each bottle measuring 5.07 U.S. oz. or 150 mL) is recommended per bag of recommended MAPEI repair or screed mortar.
2. Reduce the mixing water or latex admixture by the same volume of the *Planitop Accelerator* dosage rate.
3. Add the desired amount of *Planitop Accelerator* to the mixing water or latex admixture.
4. Mix according to the TDS for the approved MAPEI cementitious material.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

- Consult the individual TDSs of MAPEI's repair mortars and screed mortars for additional information on product application.

CURING

- Cure MAPEI's repair mortars and screed mortars with *Planitop Accelerator* in accordance with sound concreting practices as specified in ACI 306R-10 and ACI 308R-01.

CLEANUP

- Consult the individual TDSs of MAPEI's repair mortars and screed mortars for additional information on cleanup.

Shelf Life and Product Characteristics

Shelf life	2 years when stored in a dry warehouse at between 50°F and 80°F (10°C and 26°C)
Physical state	Liquid
VOCs (Rule #1168 of California's SCAQMD)	44 g per L
Mixing ratio	1 to 2 <i>Planitop Accelerator</i> bottles (each bottle measuring 5.07 U.S. oz. or 150 mL) per bag of <i>Planitop 12 SR</i> , <i>Planitop 15</i> , <i>Planitop 18</i> , <i>Planitop 23</i> , <i>Planitop 25</i> , <i>Planitop XS</i> or <i>Mapecem 202</i>

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.

CSI Division Classification

Maintenance of Concrete	03 01 00
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Packaging

Size
Bottle: 5.07 U.S. oz. (150 mL)

RELATED DOCUMENTS

- Guide for Durable Concrete: ACI 201
- Guide for Concrete Floor and Slab Construction: ACI 302
- Guide for Cold-Weather Concreting: ACI 306R-10
- Standard Specification for Curing Concrete: ACI 308

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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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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