

Mapefast CC32

Set-Accelerating Admixture

FOR PROFESSIONAL USE ONLY

DESCRIPTION

Mapefast CC32 (formerly known as Calcium Chloride) accelerates the hydration rate of cement when added to concrete, mortar or stucco at the recommended dosage. The faster hydration rate reduces both initial and final set times, allowing the concrete to achieve increased early strengths. *Mapefast CC32* meets or exceeds the requirements of ASTM C494, Type C and AASHTO M194, Type C.

WHERE TO USE

- Precast concrete
- Ready-mix concrete
- Slabs on grade
- Paving

ADVANTAGES

During cold-weather placement of concrete, *Mapefast CC32* helps to protect the concrete against freeze damage by accelerating the rate of strength gain and by lowering the early free-water content of the mixture. When concreting in either cold weather or moderate environmental conditions, use of *Mapefast CC32* allows finishing to start sooner and forms to be stripped earlier. It also reduces the need for heating and protection, and it allows earlier use of treated concrete. All of these benefits represent savings in time and labor for the contractor.

DOSAGE

The typical dosage range for *Mapefast CC32* is 0.5% to 2% per 100 lbs. (45.4 kg) of cementitious material. Dosage outside of the typical dosage range is commonly experienced. However, it is recommended that trial mixes be performed to confirm the desired plastic and hardened properties.

PACKAGING

Mapefast CC32 is available in bulk, totes measuring 275 U.S. gals. (1 041 L) and drums measuring 55 U.S. gals. (208 L).

STORAGE

Mapefast CC32 can be stored for 18 months in sealed containers.

Technical Data

Consistency	Homogenous liquid
Color	Brown
Primary function	Set-accelerating
Density	11.3 lbs. per U.S. gal. (1.36 kg per L)
ASTM C494 classification	Type C
AASHTO M194 classification	Type C
Water-soluble chloride content	32% +/- 1%
Alkali content (Na ₂ O equivalent) according to EN 480-12	< 6%

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).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

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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Edition Date: June 27, 2024 MK 3000459 (24-2147)

For the most current product data and BEST-BACKEDSM warranty information,
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