

Mapetard Plus [NA]

Set-Retarding Admixture

NORTH AMERICA [NA]

FOR PROFESSIONAL USE ONLY

DESCRIPTION

Mapetard Plus [NA] is a high-performance set-retarding and water-reducing liquid admixture. *Mapetard Plus* [NA] does not contain calcium chloride and will not contribute to the increased corrosion of reinforced steel in concrete. *Mapetard Plus* [NA] conforms to ASTM C494 and AASHTO M194, Type B.

APPLICATIONS

- Hot-weather concrete
- Architectural concrete
- Precast/pre-stressed concrete
- Extended-haul concrete
- Mass concrete
- Roller-compacted concrete (RCC)

FEATURES AND BENEFITS

- Improved finishing
- Increased working time
- Improved strength
- Improved permeability
- Consistent setting characteristics

COMPATIBILITY WITH OTHER PRODUCTS

Mapetard Plus [NA] is compatible with most MAPEI products for preparing quality concrete. It is especially compatible with:

- MAPEI mid-range and high-range water reducers.
- MAPEI air-entraining admixtures.
- MAPEI expansive agents and shrinkage-compensating admixtures to produce shrinkage-resistant concrete.
- MAPEI silica-fume-based powder additions.
- Class C and Class F fly ash.
- Various types of limestone fillers for manufacturing self-consolidating concrete and any other type of concrete that requires these fillers.
- All types of Portland cements.

MAPEI's Technical Services Department is available to evaluate which admixture or admixture packages are most suitable for any specific need.

DIRECTIONS FOR USE

Mapetard Plus [NA] should be added with the initial batch water and mixed thoroughly. *Mapetard Plus* [NA] can be jobsite-added; however, dosage rate should be adjusted.

DOSAGE RATES

Mapetard Plus [NA] has a recommended dosage range of 2 to 5 U.S. oz. per 100 lbs. (130 to 325 mL per 100 kg) of cementitious material. Dosage rates outside of the suggested range should be tested before use in production. Contact MAPEI's Technical Services Department for assistance.

PACKAGING

Mapetard Plus [NA] is available by bulk delivery, in 55-U.S.-gal. (208-L) drums and 275-U.S.-gal. (1 040-L) totes.

STORAGE

Mapetard Plus [NA] can be stored for 1 year in sealed containers; it may freeze at temperatures below 32°F (0°C).

Technical Data

Consistency	Liquid
Color	Brown
Primary function	Retards set time and reduces mixing water
ASTM C494 classification	Type B
AASHTO M194 classification	Type B
Corrosivity	Non-corrosive. <i>Mapetard Plus</i> [NA] does not contain calcium chloride or other chloride-based components. Its use will not contribute to the increased corrosion of reinforcing steel in concrete.

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

1-800-42-MAPEI (1-800-426-2734)

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