

Dynamon EW 100 [NA]

Acrylic-Based Slump Extender for Type 1L Cements

FOR PROFESSIONAL USE ONLY

DESCRIPTION

Dynamon® EW 100 [NA] is an acrylic-based admixture that is used to extend the slump life of concrete when high-absorbing Type 1L (Portland lime) cements are being used. *Dynamon EW 100 [NA]* meets or exceeds the requirements of ASTM C494, Type S, and AASHTO M194, Type S.

FEATURES AND BENEFITS

- Extends slump life of concrete when high-absorbing Type 1L cements are used
- Can be added with the initial mixing water or after concrete has been mixed
- Maintains workability of concrete in high temperatures

WHERE TO USE

Dynamon EW 100 [NA] can be used when a high-absorbing Type 1L cement is being used in the concrete mix design. However, it may also be used when high amounts of supplementary cementitious materials are utilized and when slump retention is required without stabilizing hydration in Type 1L concrete mixes.

APPLICATION PROCEDURE

Dynamon EW 100 [NA] may be added together with the initial mixing water or into already mixed concrete at the jobsite. An initial increase in air content can be expected if *Dynamon EW 100 [NA]* is added to thoroughly mixed concrete.

Concrete mixtures should be tested regularly with air meters during production to verify that the air content meets the project's technical requirements and specifications.

COMPATIBILITY WITH OTHER PRODUCTS

Dynamon EW 100 [NA] is compatible with most MAPEI products for preparing quality concrete. It is especially compatible with:

- Mid- and high-range water reducers from the *Dynamon* line.
- Strength enhancers from the *Mapecube* line.
- Non-chloride accelerators.
- Retarders and slump extenders.
- Viscosity-modifying admixtures.
- Silica-fume-based powder additions.
- Fly ash and any other kind of cementitious addition.
- All types of Portland cements, including low-alkali cements and high-absorbing Type 1L cements.

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

DOSAGE RATES

The recommended dosage of *Dynamon EW 100* [NA] is 2.0 to 15.0 U.S. oz. per 100 lbs. (147 to 443 mL per 100 kg) of cementitious materials. Field tests will determine the proper dosage for each set of materials.

Contact your local MAPEI Admixtures sales representative for dosage recommendations.

PACKAGING

Dynamon EW 100 [NA] is available in packaging sizes measuring 5 U.S. gals. (18.9 L), 55 U.S. gals. (208 L) and 275 U.S. gals. (1 040 L), and in bulk delivery.

STORAGE

Dynamon EW 100 [NA] can be stored for 1 year in sealed containers. Protect from freezing.

Technical Data

Consistency	Liquid
Color	Amber
Density	9.1323 lb/gal (1.095 g/cm ³)
Primary function	Slump extender
ASTM C494 designation	Type S
AASHTO M194 designation	Type S

Corrosivity

Non-corrosive. *Dynamon EW 100* [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 Safety Data Sheet 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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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,
visit www.mapei.com.
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