

Mapecure SRA 27 [NA]

Liquid, Shrinkage-Reducing Admixture for Concrete



NORTH AMERICA [NA]

FOR PROFESSIONAL USE ONLY

DESCRIPTION

Mapecure[™] SRA 27 [NA] is a chloride-free, liquid admixture specially developed to reduce hydraulic shrinkage in concrete. *Mapecure* SRA 27 [NA] does not contain expansion agents. *Mapecure* SRA 27 [NA] meets or exceeds the requirements of ASTM C494, Type S and AASHTO M194, Type S.

WHERE TO USE

Mapecure SRA 27 [NA] is particularly recommended for the production of ready-mixed concrete:

- For interior and exterior concrete floors in industrial environments
- For ready-mixed and pre-cast concrete that requires considerable reduction of cracking induced by hydraulic shrinkage
- Compatible with air-entrained and non-air-entrained concrete

TECHNICAL CHARACTERISTICS

Mapecure SRA 27 [NA] is a special liquid admixture specially formulated to reduce the formation of cracks induced by hydraulic shrinkage in conventional and self-compacting concrete. *Mapecure* SRA 27 [NA] works

by reducing the surface tension of the water present in the capillary pores. This process reduces the intensity of the forces that act upon the walls of the pores, and guarantees better dimensional stability and, therefore, a drastic reduction of cracks caused by this phenomenon.

COMPATIBILITY WITH OTHER PRODUCTS

Mapecure SRA 27 [NA] is compatible with all MAPEI products for preparing quality concrete. MAPEI's Technical Services Department is available to evaluate which admixture or admixture packages are most suitable for any specific need.

Contact MAPEI's Technical Services Department for further advice. For best results, each admixture must be dispensed separately into the concrete.

HOW TO USE

Add Mapecure SRA 27 [NA] into the concrete mixer after all the other ingredients (water, cement and other aggregates). Continue mixing until a homogeneous mixture is obtained.

DOSAGE RATES

0.5 to 2.0 L per 100 kg of cementitious material

Different dosages from those suggested must be previously tested through concrete trials, in addition to consulting with MAPEI's Technical Services Department.

PACKAGING

Mapecure SRA 27 [NA] is available in bulk, in 264-U.S. gals. (1 000-L) totes and in 53-U.S. gals. (200-L) drums.

STORAGE

Mapecure SRA 27 [NA] can be stored for 1 year in sealed containers. Protect it from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Refer to the Safety Data Sheet (SDS) for specific data related to health and safety as well as product handling.

Technical Data

Physical state	Liquid
Color	Light amber
Density	7.67 lbs. per U.S. gal. (0.92 kg per L)
Main action	Reduction in hydraulic shrinkage
Classification according to ASTM C494	Type S

Corrosivity	Noncorrosive. <i>Mapecure SRA 27 [NA]</i> does not contain calcium chloride or other chloride-based components. Its use will not contribute to the increased corrosion of reinforcing steel in concrete.
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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).

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

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

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