

MasterSet R 106XR

Set Retarding / Water Reducing / Plasticizing admixture to increase ultimate strengths (According to EN 934-2 Table 10)

DESCRIPTION AND WHERE TO USE

MasterSet R 106XR is a brown liquid product based on synthetic materials. When added to the concrete mix, the admixture is adsorbed onto the cement particles thus favouring the dispersion of cement agglomerates. Consequently, the flow of cement particles is easier and a higher flowability of the mix is therefore obtained.

MasterSet R 106XR increases workability and delays the initial hydration of cement, thus retarding setting times and extending workability.

The use of MasterSet R 106XR is advisable in those concretes where delayed setting time and improvement of all concrete qualities are required. MasterSet R 106XR improves pumped concrete and all types of concrete traditionally placed.

MasterSet R 106XR is chloride free, meets UNI EN 934-2 UNI EN 480 (1-2), UNI 10765, ASTM C 494-92 requirements for Type D and it is also compatible with all cements meeting the UNI EN 197-1 and ASTM standards.

BENEFITS

MasterSet R 106XR benefit:

to the dosage used.

- Higher ultimate strength.
- Better surface finish.

COMPATIBILITY

MasterSet R 106XR is compatible with all types of Portland, ASR, pozzolanic and slag cement.

MasterSet R 106XR does not entrain any additional air.

- The combined use of MasterSet R 106XR and MasterAir 108 is advised when concrete is exposed to a freeze and thawing cycles (following UNI EN 206-1).
- Each admixture must be added separately to the mix.

DIRECTIONS FOR USE

MasterSet R 106XR is a ready-to-use liquid admixture, which should be added to the concrete after all the other components are in the mix. This is particularly important in order to obtain maximum efficacy.

Technical Information	
Form	Liquid
Colour	Dark Brown
Relative density (g/ml at 20°C)	1,123 – 1,143

- Higher workability and easier placing even at high temperatures.
- Moderate or long retardation of setting times according

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DOSAGE

MasterSet R 106XR is normally used at dosages of 0,2 to 0,7 liters per 100 kg of binder.

MasterSet R 106XR can also be used at lower dosages in order to obtain a controlled retardation of setting times.

In such cases please consult our Technical Service Department for advice.

PACKAGING AND STORAGE

MasterSet R 106XR is available in, 1000-liter IBC containers.

Store the product in a place where the temperature will not drop below 5°C. In case of freezing, warm up and homogenize the admixture solution before using.

Alto Cementochemica K. A. Ltd operates under the Quality System in compliance with European Standard UNI-EN ISO 9001.

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For further information, please consult your local **ALTO Cementochemica K. A. Ltd** representative.

The technical advice on how to use our products, either written or verbally given, are based on the present state of our best scientific and practical knowledge, and no guarantee and/or implicit or explicit responsibility are assumed on final results of works executed by the use of our products.

The owner, his representative, or the contractor is responsible for checking the suitability of our products as to the intended use and aims.

Supersedes all prior issues on this product.

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