

MasterSet AC 50CF

Admixture for accelerating the strength development in hardening concrete especially at low temperature

DESCRIPTION AND WHERE TO USE

MasterSet AC 50CF is an aqueous solution of chloride free materials which promote the acceleration of strength development of the hardening concrete. It is used in concrete in combination with any superplasticiser of the MasterGlenium family.

MasterSet AC 50CF is chloride free, meets UNI EN 934-2 UNI EN 480 (1-2), UNI 10765, ASTM C 494-92 requirements for Type C and it is also compatible with all cements meeting the UNI EN 197-1 and ASTM standards.

BENEFITS

It is particularly suitable for obtaining high strengths in concrete at early ages, especially at low temperatures (8 to 12°C).

It is recommended for use in:

- Cold weather concrete pours;

In precast concrete production to achieve high compressive strengths at early ages (14 to 18 hours) at ambient temperatures below 15°C.

It is possible to obtain the following advantages:

- Rapid hardening of the concrete
- Reduction of the curing cycle
- Increase in strength at early age

COMPATIBILITY

MasterSet AC 50CF is compatible with all types of cement and superplasticisers of the MasterGlenium family.

DIRECTIONS FOR USE

MasterSet AC 50CF is a ready to use admixture that is added to the mix after all other components have been added and then mixed to obtain a homogeneous mixture.

- Optimize the curing cycles by reducing curing time or curing temperature.
- Eliminate the heat curing.

DOSAGE

The recommended dosage rate is between 1 to 2% by the weight of cement in the mix. Other dosages are possible, as per the specific requirements of the job.

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

PACKING AND STORAGE

MasterSet AC 50CF is available in 10L cans, 208L drums, 1.000L tanks or in bulk.

MasterSet AC 50CF must be stored in a sheltered place where the temperature does not drop below 5°C. In case of freezing, warm up and homogenise the admixture solution before using.

Technical Information	
Form	Liquid
Relative density (g/ml at 20°C)	1.385 -1.445



We create chemistry

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From 16/12/1992 BASF Construction Chemicals Italia Spa operates under the Quality System in compliance with European Standard UNI-EN ISO 9001. The environmental management system of BASF Construction Chemicals Italia Spa is certified accordingly to UNI EN ISO 14001 and the System of Safety Management is certified accordingly to OHSAS 18001.

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For further information, please consult your local BASF Construction Chemicals Italia Spa 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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