

TECHNICAL DATA SHEET

KEMAZIM OC

Chloride-free hardening accelerator



PRODUCT DESCRIPTION

Accelerates cement hardening and the rising of the hydration heat. KEMAZIM OC is a liquid admixture used in the preparation of concrete and cement mortars at lower temperatures.

Field of use

Plasticises, so the volume weight of the concrete is bigger, therefore, it improves waterproofness as well.

Meant for preparation of concretes, cement and extended mortars at low temperatures. Enables concreting at the temperature of -10°C, however, the concrete is to be prepared at +5°C.

PRODUCT DATA

Basic information

Appearance	Light yellow liquid
Packing	1 kg in bottle/ 8 kg (8x 1 kg) in carton box/ 576 kg (72x8 kg) on pallet 7 kg in in plastic can/ 896 kg (128x 7 kg) on pallet 14 kg in plastic can/ 840 kg (60x 14 kg) on pallet 50 kg in barrel/ 800 kg (16x 50 kg) on pallet 1400 kg in plastic container
Storage and expiration date	24 months from date of production if stored properly in undamaged original sealed packaging in dry and cool conditions.

Technical data

Density	1,32-1,38 kg/dm ³
pH value (20°C)	6-7
Odor	Odorless
Chloride content	None
Miscibility with water	In any ratio

Principle of operation

KEMAZIM OC promotes bonding of cement and increase moisturizing heat, which reduces the risk of freezing. Enables concreting at the temperature of -10°C, however, the concrete is to be prepared at +5°C.

INSTRUCTIONS FOR USE

Consumption

Consumption: 1 % - 2 % of cement weight.

Installation

KEMAZIM OC add to concrete mixture, which is diluted with water or directly into the homogenized mixture of concrete. Mixing time should be extended for at least 2 minutes, to uniformly distribute and get homogeneous mixture. By external concreting, temperature of concrete must be +5°C. Concrete must be immediately protected from frost or follow the recommendation for winter concreting.

LIMITATIONS

Base temperature +5°C min./ +30°C max.

Air temperature +5°C min./ +30°C max.

Material temperature +5°C min./ +30°C max.

Warnings

- Can be stored at a temperature of -15 ° C. Do not freeze!
- Exposure to direct sunlight. Do not use product if temperature of (substrate, air, mixture) is below +5°C.

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

PROOFS

Norms/Standards In accordance with European standards EN 934-2:2001, Tab.7, report nb. 1139-cpd-0008/03

SAFETY DATA

KEMAZIM OC is no hazardous in accordance with Chemicals Act. We must follow general instructions for safe working with chemicals. Do not eat, drink or smoke while using this product. Wash hands after finishing work.
More data on storage, handling and use of mixture can be found in the safety sheet which contains safety, toxicological and ecological data. Warnings on the original packaging should also be considered.

LEGAL BASE

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