

CRM-120

Product Data Sheet

EXTRA-RAPID SETTING MORTAR for repair

Description

CRM-120 is extra-rapid cement for sealing water leaks.

CRM-120 can be also used for fast repair in very small areas.

Characteristics

- Waterproof ■ Very rapid hardening
- Sealing water leaks in approx. 2-3 min
- Chloride-free ■ Volume-stable
- Non toxic

Uses

- For very rapid sealing work concrete.
- For stopping water leaks.
- For sealing ruptured waterpipes.
- For fast repair in small areas.

How to use

- Dust, oil and impurities should be thoroughly removed from the construction area.
- Put CRM-120 to clean, clear water (1kg of CRM-120 to 0.3kg of water) and stir until completely free of lumps. Apply extra-rapid cement immediately after mixing, do not over stir. In case of serious water leakage, try CRM-120 can also be pressed direct onto the point of leakage.
- CRM-120 sets after only 1 minute and is solid after 3 minutes.

Important Notes

- CRM-120 at temperatures from +5°C to +40°C. All the data given were-obtained at a temperature of +20°C and 60% relative air humidity. Under other climatic conditions bear in mind the acceleration or delay in hardening and its consequences.
- It is recommended to leave the materials (including) and construction area in a cool place. During the summer season and maintain water temperature lower prior to using.
- If necessary, take appropriate measures, e.g. use warm water if ambient temperature is low. Do not mix with other substances, additives or binders. CRM-120 contains cement and produces an alkaline reaction with water. Therefore protects skin and eyes.
- If contact occurs, rinse thoroughly with water.

Storage

- Shelf life at least 12 months in a dry place

Technical & Physical Data

Base	Combination of special cements and additives.
Powder density	approx. 1.3 kg/l
Application time	approx. 1 min.
Application temperature	5°C to 40°C
Mix proportions	approx. 0.3kg water for 1kg
Compressive strength	after 6 hours ≥ 12.5 N/mm ²
	after 24 hours ≥ 18.0 N/mm ²
	after 28 days ≥ 35.0 N/mm ²
Bending tension strength	after 6 hours ≥ 2 N/mm ²
	after 24 hours ≥ 3 N/mm ²
	after 28 days ≥ 8 N/mm ²
Amount required	approx. 1.5kg/l cavity volume
Packaging	10kg / pail



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