



CRETESTONE
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CRETOMIX AD 1007 L (Shotcrete Accelerator)

Description

CRETOMIX AD 1007 L is a highly effective alkali free accelerator for shotcrete in liquid form.

Features & Benefits

- Free from alkali
- Good long term strength and durability
- In case of proper application, minimum loss of solidity of the catalysed concrete
- Reduction of rebound
- Improved adhesion of the sprayed concrete on rock and concrete
- Improved adhesion in the over head crown portion
- Clear reduction of dust and a good working environment
- Free from chloride and does not attack reinforcement

Uses

CRETOMIX AD 1007 L is an accelerator suitable for dry as well as wet spray applications. It is used for the following main applications

- Securing of rock in tunnel construction
- Rock and slope stabilization
- High quality shotcrete for general construction work
- Acceleration of cementitious grouts, such as used in TBM Tunnel linings cement ground injections and back filling

Technical Data:

Colour And Appearance	Beige White Coloured
Relative Density @30°C	1.38 ± 5%
Dry Material Content	55% ± 5%
Viscosity By B4 FC @30°C	27 To 29 sec
pH	2 To 4
Chloride ion Content (Cl)	Nil

Consumption / Dosage

The most effective dosage must be determined by trial. Dosage rate will vary according to w/c ratio, materials used, ambient conditions, shotcrete method used and the requirements of a specific project. For general applications CRESTONE recommends a dosage between 5-8% by weight of the total cementitious content. The effect of CRETOMIX AD 1007 L depends on cement type, cement age, reactivity of cement, cement content and type of subgrade.

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Compatibility

CRETOMIX AD 1007 L is compatible with CRETESTONE's water reducers, Superplasticizers etc.

Dispensing

CRETOMIX AD 1007 L is dosed and added on-site by a liquid dispensing system. Optimum dispersion in the shotcrete is governed by nozzle configuration and shotcreting techniques.

Application Method

By use of CRETOMIX AD 1007 L shotcrete of a high quality can be produced. The standard rules of good shotcreting practice, concerning production as well as placing, are to be followed.

Shelf Life

CRETOMIX AD 1007 L must be stored in its original container as supplied. 6 months from date of production if stored in undamaged and unopened, original sealed containers, protected from direct sunlight and frost, at temperatures between +5°C and +35°C. Opened containers must be used as quickly as possible. It is recommended always stir well CRETOMIX AD 1007 L before use as with prolonged storage it can have a certain settlement as it is suspension type material .

Health & Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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