



CRETESTONE
CRETE

CRETOMENT AD 1001

[Retarding Superplasticizing Admixture]

Description

CRETOMENT AD 1001 is the latest development of super plasticizer for concrete. It meets the requirements for high range water reducing super plasticizers.

Uses

CRETOMENT AD 1001 is a unique multipurpose super plasticizer that is particularly suitable for the production of ready mixed concrete. Additionally, it provides high water reduction and improved fresh concrete characteristics.

Its uses are:

A wide range of applications where excellent workability is requested.

Concrete with high water reduction

High efficient concrete applications

Variable use in different concrete systems with different raw materials

Characteristics / Advantages

CRETOMENT AD 1001 gives the following advantages:

- Strong water reduction, resulting in high density, high strength and reduced permeability
- Less sensitive against variations in aggregates and / or different cement types
- High efficiency even at low dosage rates
- Extended workability in conjunction with subsequent strength development
- Superior plasticising effect, resulting in improved flow, placing and compaction characteristics
- Reduced shrinkage during curing and reduced creep when hardened

Technical Data

Chemical Base	Modified Polycarboxylate based
Packaging	250 kg HDPE drums
Appearance / Color	Dark Brown Liquid
Density	1.08 kg/l at 25°C
pH-Value	≥ 6

Application Information

Compatibility

CRETOMENT AD 1001 may be combined with many other CRETESTONE products. Important: Always conduct trials before combining products in specific mixes and combinations. Compatible with all types of cement and cementitious materials.

Shelf Life

12 months from date of production if stored properly in undamaged un- opened, original sealed packaging.

CRETESTONE PRIVATE LIMITED



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Application Instructions

Dispensing

CRETOMENT AD 1001 can be added into the mixing water or directly into the concrete mixer after 50 – 70% of the mixing water has been added.

The addition of CRETOMENT AD 1001 to dry aggregate or cement is not recommended.

To achieve optimum performance a minimum wet mixing time, which is depending on the mixing conditions and the mixer performance, of 60 seconds is recommended.

Dosage

0.5% to 2.0% by weight of cementitious. Higher dosage may be used if agreed by engineer and consultant. Actual dosage to be finalized on the basis of site trials. Stir well before use.

Limitations

Excessive water addition or overdosing may cause bleeding or segregation. Overdosing may cause extension of initial and final setting times.

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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