

# Centrament Retard 350

## Set retarding admixture

### Product Properties

- Retardation of setting and hardening of cementitious materials
- Free of corrosion promoting components
- Plasticizing effect
- Improves the properties of the cured concrete:
  - More homogenous concrete
  - Higher compressive and tensile strengths possible
  - Increased water impermeability possible

### Areas of Application

- Ready-mixed concrete
- Reduction of joints

### Application Notes

Centrament Retard 350 is a setting retardant with a good plasticising effect, free of chlorides and other corrosion promoting contents.

Centrament Retard 350 has the following effects on fresh concrete:

Improves the workability within a desired processing period.

Reduces working joints.

Allows a recompacting or later compacting (reibration), as the concrete remains in its green phase over a longer period of time.

A retarded concrete usually has an increased final strength.

Centrament Retard 350 can be used with all standard cements. It is added during mixing.

The prescribed mixing times, as well as the relevant regulations for the manufacture, processing and curing of setting retarded concrete have to be etc. complied with.

The necessary suitability tests have to be performed.

The setting retardation is very much dependant on the type of cement, concrete and ambient temperature, the concrete composition and other factors. The necessary dosage should be determined by trial under site-conditions. If any of the conditions are expected to change during construction, adjusted trial should be performed under the changed conditions.

Please note the "General Information on the Use of Concrete-Admixtures".

## Technical Data for Centrament Retard 350

Characteristic	Unit	Value	Comments
Density	kg/dm <sup>3</sup>	approx. 1.14	± 0.03
Recommended Dosage	g	2 - 50	per kg of cement
Max. Chloride Content	%	< 0.10	per weight
Max. Alkali Content	%	< 4.0	per weight

## Product Characteristics for Centrament Retard 350

Type of Admixture	set retarding admixture EN 934-2: T 8
Name of Admixture	Centrament Retard 350
Colour	brown
Consistency	liquid
Certificate of Conformity of the factory production control	0754-CPR
Notified Authority	MPA, Karlsruhe
Internal Production Supervision in accordance with DIN EN ISO 9001 / DIN EN 934-2/6	
Form of Delivery	230 kg barrels 1,000 kg containers

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 10/18. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

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