



Centrament N 9

Plasticizer

Product Properties

- Free of corrosion promoting components
- Cost effective dosage
- Improved dispersion of the cement
- Slight retarding effect
- Improves workability

Areas of Application

- Ready-mixed concrete
- Pumped concrete
- Exposed and fairfaced concrete
- Category F 3 (consistency) concrete
- Concrete goods

Application Notes

Centrament N 9 can be used with all standard cement types.

Centrament N 9 reduces the surface tension of the water. As well as having an intense dispersing effect, this results in strong plastification of the concrete, even if the amounts added are small. The aggregation of cement particles is reduced. The cement is better wetted and finely broken up. This creates easily workable concrete which requires little compaction.

If Centrament N 9 is used to reduce the demand for added water, the cement becomes denser and the resulting concrete has improved solid concrete properties (compressive strength, durability).

Depending on the type of cement used, as well as

on the temperature and weather conditions, there might be a retarding side effect. This can be determined with a suitability test.

Centrament N 9 can be used in combination with other MC admixtures.

Centrament N 9 is added to the concrete during mixing. It is most effective when added after the additional water. It is also possible to apply it with the added water.

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

Storage tanks should be cleaned regularly, to prevent the formation of sediment from inert suspended particles.



Technical Data for Centrament N 9

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 1.15	± 0.03
Recommended Dosage	g	2 - 15	per kg of cement
Max. Chloride Content	%	< 0.10	per weight
Max. Alkali Content	%	< 0.5	per weight

Product Characteristics for Centrament N 9

Type of Admixture	plasticizer EN 934-2: T 2
Name of Admixture	Centrament N 9
Colour	brown
Consistency	liquid
Certificate of Conformity of the factory production control	0754-CPD
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 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 09/13. 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.