

Muraplast FK 98

Superplasticizer

Product Properties

- Free of corrosion promoting components
- Intensive dispersion of the cement glue
- Good homogeneity of the concrete due to the chemical-physical effect
- Decreases internal frictional forces within the concrete
- Strong plasticization decreasing the water requirement
- Application, spreading and compaction of concrete is made easier
- Cost effective dosage

Areas of Application

- Pre casting industry
- Ready mixed concrete
- Exposed and facing concrete
- Steel fibre concrete

Application Notes

Muraplast FK 98 is a superplasticizer and can be used in combination with all standard cement types.

Muraplast FK 98 can be added on site. The original consistency can be F2, F3, or F4, if this consistency category has been attained by adding a plasticizing concrete admixture.

Even small amounts of Muraplast FK 98 cause strong plasticization due to its intensive dispersing effect. The aggregation of cement particles is reduced. The cement is better wetted and mixed to a smooth mixture. This creates easily workable concrete which requires little compaction.

Muraplast FK 98 improves the cohesive properties of the concrete. This decreases bleeding and the tendency to de-mix.

High quality surfaces for exposed and facing concrete can be achieved.

Muraplast FK 98 greatly reduces the water requi-

rement. By lowering the water/cement ratio, a considerable increase in the early and final concrete strength is possible.

Without increasing water content, it is possible to enhance the consistency by several consistency classes, e.g. from F2 to F6.

Muraplast FK 98 can be used in combination with other MC admixtures.

Muraplast FK 98 is added to the concrete during mixing. It is most effective when added after the initial water. It is also possible to apply it with the added water. The mixing time should be long enough to allow the admixture to unfold its plasticizing effect during mixing. Please refer to the relevant regulations, especially if the admixture is added into the supply truck on the construction site.

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



Technical Data for Muraplast FK 98

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 1.25	± 0.03
Recommended Dosage	g	2 - 50	per kg of cement
Max. Chloride Content	%	< 0.10	per weight
Max. Alkali Content	%	< 6.0	per weight

Product Characteristics for Muraplast FK 98

Type of Admixture	superplasticizer EN 934-2: T 3.1/3.2 (concrete plasticizer EN 934-2: T 2)
Name of Admixture	Muraplast FK 98
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
Colour Code	grey
Form of Delivery	230 kg barrels containers

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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