

MC-Easyscreed P 912

Strength increasing processing aid for screeds

Product Properties

- Highly liquefying effect
- Optimal pulping of the binder
- Allows extensive water reduction
- Increases flexural and compressive strengths
- Excellent early strengths

Areas of Application

- Screeds up to DIN EN 13813-CT-C40-F6
- Easily workable cement screeds, with low w/c-values and high strengths
- Concretes for industrial floors with early high strength
- Mechanically smoothable screeds
- Heating screeds

Application Notes

General Information

MC-Easyscreed P 912 is a plasticiser with a highly liquefying effect. Adding MC-Easyscreed P 912 allows the manufacture and processing of easily workable cement-screeds with low water/cement values, excessive cement-contents can be avoided.

Mixing

MC-Easyscreed P 912 has highly dispersing properties and excellent wettability, which allow an optimal use of the cement. Screeds manufactured in this way have an even and homogenous texture. Due to its period of effectiveness, MC-Easyscreed P 912 allows possible corrections during application.

When applying high quality screeds as a compound, the use of high quality mineral bonding agents like MC-Estrifan Haftbrücke is recommended.

Dosage

The optimal dosage is determined in preliminary tests with corresponding aggregates and cements. In the course of these suitability tests it is possible to check the technical properties and the workability of the screed-mortar.

Further Information

Please note the safety data sheet for the handling of MC-Easyscreed P 912!



Technical Data for MC-Easyscreed P 912

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 1.14	
Recommended Dosage	% l	approx. 0.6-2.5 of the cement-weight, approx. 0.3-1.2 per 50 kg cement	
Mixing examples*			
DIN EN 13813-CT-C25-F4	kg kg l	50 300 approx 13-16	Cement (CEM I 32.5 R) (2 bags) Screed sand 0/8 Water (depends on the humidity of the sand)
		approx 1.0	MC-Easyscreed P 912
DIN EN 13813-CT-C35-F5	kg kg l	62.5 280 approx 13-16	Cement (CEM I 32.5 R) (2.5 bags) Screed sand 0/8 Water (depends on the humidity of the sand)
		approx 1.3	MC-Easyscreed P 912
DIN EN 13813-CT-C45-F6	kg kg l	75 280 ca. 14-18	Cement (CEM I 32.5 R) (3 bags) Screed sand 0/8 Water (depends on the humidity of the sand)
		ca. 1.5	MC-Easyscreed P 912

* The mentioned quantities of these examples are appropriate for an 200 l screed mixer. They should be seen as recommendations and base on laboratory tests and experiences. With disadvantageous composition of aggregates the strength can be decreased. In single cases we recommend preliminary tests in compliance with DIN EN 13813. After the filling and closing of the mixer a minimal mixing time of 60 second should be ensured.

Product characteristics for MC-Easyscreed P 912

Internal Quality Control	DIN EN ISO 9001
Colour	brown
Consistency	liquid
Colour Label	yellow
Form of Delivery	35 kg canister 230 kg barrel 1.000 kg container
Storage	Can be stored for at least 12 months. Keep frost-free!
Disposal	For the sake of our environment please empty the packs completely!

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 12/16. 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.