

MC-Easyscreed P 900

High-performance superplasticiser for screeds



PRODUCT PROPERTIES

- Strong plasticizing effect
- Optimal pulping of the binder
- Allows extensive water reduction
- Increases flexural and compressive strengths
- Improves workability
- Reduces early shrinkage

AREAS OF APPLICATION

- Easily workable, high quality screeds
- Cementous screeds up to DIN EN 13813-CT-C40-F6
- Compound screeds
- Screeds on separating layers
- Anhydrite screeds
- Heating screeds
- Concretes for industrial floors

APPLICATION ADVICE

General Information

MC-Easyscreed P 900 is a plasticizer with a highly liquefying effect. Adding MC-Easyscreed P 900 allows the manufacture and processing of easily workable anhydrite- and cement-screeds with low water/cement values.

Mixing

MC-Easyscreed P 900 has highly dispersing properties and excellent wettability, which allow an optimal use of the cement. Screeds manufactured in this way are easy to compact and have an even and homogenous texture. MC-Easyscreed P 900 is added to the screed-mixture together with the added water.

Application

When applying high-quality screeds as a compo-site-system, the use of high-quality mineral bonding agents like MC-Estribond MB is recommended. It is possible to individually manufacture an mineral bonding agent by adding MC-Easyscreed P 900.

Dosage

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

Further Information

When working this product please observe the safety data sheet for the handling of MC-Easyscreed P 900!

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 1.1	
Example formulation (DIN EN 13813-CT-C25-F4)	kg	50	cement (CEM I 32.5 R) (2 bags)
	kg	300	Screed sand 0/8 (B8 to DIN 1045-2)
	l	approx. 14.5	Water depending on the moisture content of the sand
	l	approx. 1	MC-Easyscreed 900
Example formulation (DIN EN 13813-CT-C35-F5)	kg	62.5	cement (CEM I 32.5 R) (2.5 bags)
	kg	280	Screed sand 0/8 (B8 to DIN 1045-2)
	l	approx. 14.5	Water depending on the moisture content of the sand
	l	approx. 1.3	MC-Easyscreed 900
Example formulation (DIN EN 13813-CT-C40-F6)	kg	75	cement (CEM I 32.5 R) (3 bags)
	kg	280	Screed sand 0/8 (B8 to DIN 1045-2)
	l	approx. 16	Water depending on the moisture content of the sand
	l	approx. 1.5	MC-Easyscreed 900
Dosage recommendation	%	approx. 0.5 - 1.2	to the weight of the binding agent
		approx. 1 - 2.5	to the weight of the cement
	l	approx. 0.5 - 1.2	to the weight of the cement

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Self-monitoring	EN ISO 9001
Packaging disposal	Make sure single-use containers are completely empty.
Designation of admixture	MC-Easyscreed P 900
Colour	brown
Form	liquid
In-company production control	EN ISO 9001
Colour code of label	yellow
Delivery form	35 kg canister, 200 kg drum, 1,000 kg container
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets.

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018516]