

PRODUCT DATA SHEET

SikaPaver[®]-910 MC

(formerly MasterCast[®] 910)

Air-entraining liquid mortar plasticiser

DESCRIPTION

SikaPaver[®]-910 MC is a liquid ultra stable micro air entraining mortar plasticiser, designed to enhance the workability of brick and block laying and plastering mortars. SikaPaver[®]-910 MC is designed to accommodate variations in cement and aggregate sources and quality.

Suitable for use in hot and tropical climatic conditions.

USES

- Mortars
- Light weight concrete

FEATURES

- Stable bubble structure
- Uniform air entrainment
- Compatible with most types of Portland cement and sands
- Reduced segregation and bleeding
- Improved plasticity
- Reduced permeability
- Easier and faster mortar spread

CERTIFICATES AND TEST REPORTS

SikaPaver[®]-910 MC follows the requirements of BS 4887

PRODUCT INFORMATION

Composition	Specially selected chemical composition
Packaging	Drums, 1,000 L flowbin or bulk supply
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5°C and +50°C. Protect from direct sunlight and extremes of temperature.
Appearance and colour	Clear to pale yellow liquid
Density	~1.02 kg/l (+25°C)

TECHNICAL INFORMATION

Concreting guidance	The standard rules of good concreting practice for production and placing must be observed when using SikaPaver®-910 MC in concrete. Refer to relevant standards. Fresh concrete must be cured properly especially at high temperatures in order to prevent plastic and drying shrinkage. Use Sika® Antisol® products as a curing agent or apply wet hessian.
Effect on setting	SikaPaver®-910 MC has no effect on setting time.

APPLICATION INFORMATION

Recommended dosage	0.1 - 0.4 % by weight of binder. Dosages may vary depending on the requirements, whether it is for normal applications or for retarded ready-to-use mortars. Trial mixes must be performed to establish the exact dosage rate required.
Dispensing	SikaPaver®-910 MC should be added directly into the mix at the same time as the water.
Compatibility	SikaPaver®-910 MC can be used with other admixtures provided these are added separately to the mix. It can be used for all types of cement, including sulphate resisting cement. We recommend to perform trial mixes to establish the required performance when combining SikaPaver®-910 MC with other admixtures. Please consult our Sika Technical Department.

BASIS OF PRODUCT DATA

- All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
- Internal Reference - Version: MBS_CC-UAE/MCast_910_11_06/v3/10_15

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

IMPORTANT CONSIDERATIONS

When accidental overdosing occurs the air entrained will not increase, but the setting time might be delayed.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS
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- Sika Saudi Arabia Limited
- Sika Kuwait Cons. Mat. & Paints Co WLL
- Sika MB Construction Chemicals LLC
- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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