

PRODUCT DATA SHEET

SikaGrind® MC-10 A MY-2

EFFICIENT GRINDING AID & AIR ENTRAINING AGENT FOR CEMENT PRODUCTION

DESCRIPTION

SikaGrind® MC-10 A MY-2 is a chloride free concentrated air entraining liquid additive specifically for masonry cement and Portland Cement

USES

- Increase of air content in cement paste
- Improve the cohesion, reduce segregation and bleeding of cement paste
- Significantly improve the workability of the cement paste

CHARACTERISTICS / ADVANTAGES

SikaGrind® MC-10 A MY-2 provides the following advantages in the cement production:

- Provide air entrainment up to 35%
- SikaGrind® MC-10 A MY-2 allows to produce stable air content in cement paste during grinding of Portland or masonry cements
- Reduce segregation
- Improve handling and flow characteristic

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 1 000 L IBC ▪ Bulk delivery
Appearance / Colour	Yellowish liquid
Shelf Life	At least 12 months in undamaged, unopened and sealed original containers
Storage Conditions	Store at temperatures between +5 °C and +35 °C. Protect from frost, direct sunlight and contamination. Note: When delivered in bulk, the tanks and equipment used must be free from contaminants.
Density	1.01 kg/l
pH-Value	12.5 ±0.5

APPLICATION INFORMATION

Recommended Dosage	<p>Typical dosage rates of SikaGrind® MC-10 A MY-2 are between 0.2–1.0 kg per tonne of cement (cement clinker + additions). The optimum dosage to achieve the desired characteristics shall be determined in Plant trials. Influencing factors are e.g. the properties of clinker source, type of cement and other plant variables.</p> <p>For consistent results, SikaGrind® MC-10 A MY-2 must be accurately dispensed through suitable calibrated equipment.</p>
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Compatibility

Cements
Sika® Admixtures

All cement combinations
Compatibility information available
on request

Dispensing

SikaGrind® MC-10 A MY-2 shall be added onto the clinker feed shortly before the mill entrance or directly into the grinding mill (first compartment). Suitable dosage pumps with adjustable flow rates shall be used for accurate dosing.
Note: Periodically, the end of the additive tube/hose shall be checked to ensure that it is not blocked.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing 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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