

PRODUCT DATA SHEET

SikaGrind®-591 MC AEA (MY)

CEMENT ADDITIVE / AIR ENTRAINER

DESCRIPTION

SikaGrind®-591 MC AEA (MY) is a liquid cement additive that has been specifically formulated to provide air entrainment to masonry cements.

USES

SikaGrind®-591 MC AEA (MY) has been specifically formulated to:

- Improve the cement performance of masonry mortar and concrete.
- Improve stability of entrained air.
- Improve watertightness

CHARACTERISTICS / ADVANTAGES

SikaGrind®-591 MC AEA (MY) provides the following characteristics:

- Proven performance and control of entrained air.
- Improved handling and flow characteristics.
- Improved plasticity and workability
- Reduced shrinkage and segregation

SikaGrind®-591 MC AEA (MY) gives the following advantages to the finished cement:

- Improved handling and flow characteristics

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 210 L ▪ 1 000 L bulk delivery
Appearance / Colour	Light brown liquid
Shelf Life	12 months from date of production if stored in unopened and undamaged original sealed containers
Storage Conditions	Protect from moisture at temperatures between +5 °C and +25 °C. Protect from direct sunlight and frost.
Density	~1.02 kg/l
pH-Value	6.5 ± 1.0

APPLICATION INFORMATION

Recommended Dosage	0.2–0.8 kg/tonne by weight of cement (cement clinker + additions)
Compatibility	Compatibility information available on request

APPLICATION INSTRUCTIONS

DISPENSING

SikaGrind®-591 MC AEA (MY) should be dispensed through suitable calibrated equipment. SikaGrind®-591 MC AEA (MY) is to be added into the grinding mill (first compartment) or onto the clinker (raw material) on the conveyor belt.

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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