

PRODUCT DATA SHEET

SikaGrind® AEA-333 S-02

CEMENT ADDITIVE FOR AIR ENTRAINMENT AND MASONRY CEMENT

DESCRIPTION

SikaGrind® AEA-333-S02 is a liquid cement additive that has been specifically formulated to provide air entrainment to masonry cements.

USES

Enhance the all age strength of the cement
Increase the entrained air property

CHARACTERISTICS / ADVANTAGES

SikaGrind® AEA-333-S02 provides the following characteristics:

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

PRODUCT INFORMATION

Composition	Amines
Packaging	1,000 kg IBC or 200 kg drum
Appearance / Colour	Brown liquid
Shelf life	12 months in undamaged, unopened and sealed original containers
Storage conditions	Stored 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	1.125 - 1.145 kg/L (at +25°C)
pH-Value	

APPLICATION INFORMATION

Recommended Dosage	SikaGrind® AEA-333-S02 is to be added into the grinding mill (first compartment) or onto the clinker and limestone (raw material) on the conveyor belt. Typical dosage rates of SikaGrind® AEA-333-S02 are between 0.3 – 1.0 kg per ton of cement (0.03% - 0.10 % of total weight = 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. For consistent results, SikaGrind® AEA-333-S02 must be accurately dispensed with suitable calibrated equipment.
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Dispensing

SikaGrind® AEA-333-S02 is added onto the clinker feed shortly before the mill entrance or directly into the grinding mill (first or second 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.

Sika (Thailand) Limited

700/37 Moo 5 Amata City Chonburi
KM.57 Bangna Trad Rd., T. Klong Tamhru
A. Muang, Chonburi 20000, Thailand
Tel : +66 3810 9500
E-mail : sikathai@th.sika.com
www.sika.co.th



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