

PRODUCT DATA SHEET

SikaPaver® AE-500

EFFLORESCENCE REDUCER WITH WATER REPELLENT EFFECT

DESCRIPTION

SikaPaver® AE-500 is an efflorescence reducer for high quality precast concrete elements made out of semi-dry concrete with immediate de-molding, who greatly reduces the capillary water absorption.

USES

- Paving stones with long-lasting color effect
- High-quality concrete tiles
- Garden and landscaping elements
- Concrete components which should be protected against rain, surface water and ascending moisture

CHARACTERISTICS / ADVANTAGES

- Intensive Hydrophobic performance with water repelling effect
- More uniform coloration of the concrete and reduced efflorescence
- Reduced risk of moss formation

SikaPaver® AE-500 increases the surface tension to the water and thus reduces the water adsorbing effect of the concrete.

APPROVALS / STANDARDS

Complies with EN 934-2 Table 9 (water resisting admixtures).

PRODUCT INFORMATION

Chemical Base	Organosilicon compound
Packaging	Drum: 190 kg net weight IBC: 900 kg net weight Bulk: min 6 t
Shelf Life	12 months from date of production if stored properly in original, unopened packaging. After prolonged Storage, agitate the product before using.
Storage Conditions	Protect from frost, intense sunlight and contamination. In case of bulk delivery, the tanks and equipment used must be clean.
Appearance / Colour	Liquid / White
Density	1.00 kg/dm ³ at +20°C
pH-Value	ca. 10
Total Chloride Ion Content	≤ 0.10 %
Equivalent Sodium Oxide	≤ 0.5 %

APPLICATION INFORMATION

Recommended Dosage	0.2 - 1.0 % of binder weight (cement + fly ash)
Dispensing	SikaPaver® AE-500 shall be added with the mixing water or introduced at the end of the mixing process. The necessary mixing time after the admixture dosage depends on the individual mixer.

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.

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.

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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