

PRODUCT DATA SHEET

SikaPaver® AE-2

EFFLORESCENCE REDUCER WITH WATER REPELLENT EFFECT



DESCRIPTION

SikaPaver® AE-2 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

SikaPaver® AE-2 causes:

- A considerable hydrophobic action by increasing the surface tension to the water

SikaPaver® AE-2 allows an economical production of high quality concretes and precast concrete elements with:

- Long lasting uniform color effect
- Reduced capillary absorption
- Water repellent effect
- Reduced risk of moss build-up
- Higher durability

APPROVALS / CERTIFICATES

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

PRODUCT INFORMATION

Composition	Organosilicon compound
Packaging	Drum: 190 kg net weight IBC: 900 kg net weight Bulk: min 6 t
Appearance / Colour	Liquid / White
Shelf life	12 months from date of production
Storage conditions	Store properly in original, unopened packaging. Protect from frost, intense sunlight and contamination. In case of bulk delivery, the tanks and equipment used must be clean. After prolonged storage, agitate the product before use.
Density	1.00 kg/dm ³ at +20°C
pH-Value	~ 9
Total Chloride Ion Content	≤ 0,10 %

APPLICATION INFORMATION

Recommended Dosage	0,2 - 1,0 % of cement weight
Dispensing	SikaPaver® AE-2 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.
Restrictions	Before use suitability tests must be performed. The reduction of the most common efflorescence (in the horizontal gaps between the individual layers of the paving stone package) requires a dense and hydrophobic concrete structure for both, base and facing mixes. Sufficient compaction of base and face concrete is essential to ensure the targeted performance parameters of the manufactured semi-dry concrete elements. For further information and advice, please contact our Technical Service Department.

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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