

PRODUCT DATA SHEET

SikaPaver® - 800 Color

Efflorescence reducer with filling and compaction aid for smooth surfaces



DESCRIPTION

SikaPaver®- 800 Color is an efflorescence reducer for brilliant colored precast elements which incorporates a filling and compaction aid with anti-sticking effect. It has been developed especially for pavers with smooth surfaces.

USES

- Pavers, especially for colored face and base mixes
- Concrete tiles made from semi-dry concrete
- Colored garden and landscaping elements

CHARACTERISTICS / ADVANTAGES

- Hydrophobic agent with filling and compaction aid for reduced efflorescence
- More uniform and intensive coloration of the concrete with reduced risk of tamper head sticking
- Increases Durability

SikaPaver®- 800 Color improves the dispersion and wetting of cement, additives and pigments and hence allows reaching the target density in shorter time or the reduction of pore content at the same compaction effort.

SikaPaver®- 800 Color increase the surface tension to the water and thus reduces the water adsorbing effect of the concrete.

APPROVALS / CERTIFICATES

EN 934-2:T2
Plastisizer for the production of concrete

PRODUCT INFORMATION

Composition	Oleate
Packaging	Drum: 190 kg net weight IBC: 1000 kg net weight Bulk: min 6 t
Appearance / Colour	Liquid / Light yellow
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.
Density	1.00 kg/dm ³ at +20°C

pH-Value	ca. 11
Total chloride ion content	≤ 0.10 %
Equivalent sodium oxide	≤ 1.5 %

APPLICATION INFORMATION

Recommended dosage	0.2 - 0.6 % of binder weight (cement + fly ash)
Dispensing	SikaPaver®- 800 Color 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. The use of SikaPaver®- 800 Color in wet cast concrete is not suitable.

BASIS OF PRODUCT DATA

All technical data stated in this 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. Further notes and information data sheets on product safety and disposal can be found on the Internet at www.sika.de.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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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