

PRODUCT DATA SHEET

SikaPaver[®]-920

EFFLORESCENCE REDUCER WITH WATER REPELLENT EFFECT



DESCRIPTION

SikaPaver[®]-920 is a concentrated efflorescence reducer for high quality precast concrete elements, who in addition to the durable reduction of the capillary water absorption additionally includes a filling and compaction aid. This allows the targeted production of high value base- and face mixes.

USES

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

FEATURES

- Hydrophobic performance with water repelling effect
- More uniform coloration, mold filling and compaction
- Reduced risk of efflorescence and moss formation

SikaPaver[®]-920 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[®]-920 increases the surface tension to the water and thus reduces the water adsorbing effect of the concrete.

CERTIFICATES AND TEST REPORTS

EN 934-2: T9 - DoP Nr. 24764991

Water resisting admixture for concrete

PRODUCT INFORMATION

Composition	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.
Storage conditions	Protect from frost, intense sunlight and contamination. Storage temperature +5°C to +35°C. In case of bulk delivery, the tanks and equipment used must be clean. After prolonged Storage, agitate the product before using.
Appearance and colour	Liquid / White
Density	1.00 kg/dm ³ at +20°C
pH-Value	ca. 7

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Total chloride ion content ≤ 0.10 %

Equivalent sodium oxide ≤ 0.5 %

APPLICATION INFORMATION

Recommended dosage 0.2 - 0.8 % of binder weight (cement + fly ash)

Dispensing SikaPaver®-920 shall be added to the mixing process after the mixing water. The necessary mixing time after the admixture dosage depends on the individual mixer.

Compatibility 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 while in parallel avoiding capillary porosity 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 Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains 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 Deutschland GmbH
Concrete
Peter-Schuhmacher-Straße 8
69181 Leimen
Telefon: +49 06224 988-04
Telefax: +49 06224 988-522
EMail: leimen@de.sika.com



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