

PRODUCT DATA SHEET

SikaPaver® HC-1

HIGH PERFORMANCE COMPACTION AID FOR SEMI-DRY CONCRETE PRODUCTS

DESCRIPTION

SikaPaver® HC-1 is a high performance compaction aid for semi-dry concrete, especially designed for even mould filling behaviour in combination with swipe formation at the concrete element flanks.

USES

- Concrete Pavers/Block Paving
- Masonry blocks
- Kerbstones
- Concrete pipes and manholes

FEATURES

- Strong performing compaction aid even at low dosages
- Strong swipe formation (paste) at the flanks
- Less quality variations and consequently less second grade products

SikaPaver® HC-1 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.

CERTIFICATES AND TEST REPORTS

Corresponds to EN 934-2 Table 5 (air entrainer).

PRODUCT INFORMATION

Composition	Surfactant
Packaging	Drum: 200 kg net weight IBC: 1000 kg net weight Bulk: min 6 t
Appearance and colour	Orange liquid
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. Store in dry conditions at temperatures between +10 °C and +35 °C. Protect from direct sunlight and frost. In case of bulk delivery, the tanks and equipment used must be clean.
pH-Value	ca. 7
Total chloride ion content	≤ 0.10 %
Equivalent sodium oxide	≤ 0.5 %

APPLICATION INFORMATION

Recommended dosage	0.1% - 0.4% of binder weight (cement + fly ash)
Dispensing	SikaPaver® HC-1 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. 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® HC-1 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

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.

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 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.

PT. Sika Indonesia Head Office and Manufacturing

Jl. Raya Cibinong-Bekasi Km.20
Limusunggal-Cileungsi
Bogor 16820-Indonesia
Tel. +62 21 8230025, Fax +62 21 8230026



Product Data Sheet

SikaPaver® HC-1
October 2025, Version 02.01
021404061000000023

SikaPaverHC-1-en-ID-(10-2025)-2-1.pdf