

PRODUCT DATA SHEET

SikaPaver®-739 HCX

Filling and compaction aid with improved early strength

DESCRIPTION

SikaPaver®-739 HCX is a chloride free compaction aid which has been designed to improve the filling behavior, compaction properties and early strength development of large precast elements made of semi-dry concretes with instant demolding.

USES

- Large Concrete Pavers and Tiles
- Kerbstones and U-Stones
- Pipes and Manholes
- Hollow core slabs
- Railway sleepers with instant demolding

CHARACTERISTICS / ADVANTAGES

- Granular mold-filling properties despite high water contents
- Intensive compactability for highest strength
- Fast Strength development within the first 24 hours

SikaPaver®-739 HCX 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®-739 HCX accelerates the cement hydration at constant temperature and water-cement ratio.

PRODUCT INFORMATION

Composition	Blend of Ligno, PCE and Surfactants
Packaging	Drum: 200 kg net weight IBC: 1000 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 and colour	Brown liquid
Density	1.08 kg/dm ³ at +20°C
pH-Value	approx. 9
Total chloride ion content	≤ 0.10 %
Equivalent sodium oxide	≤ 0.5 %

APPLICATION INFORMATION

Recommended dosage	0.2 – 0.6 M.-% of binder (cement and fly ash)
Dispensing	SikaPaver®-739 HCX 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.
Compatibility	Before use suitability tests must be performed. Sufficient compaction of the 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®-739 HCX 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 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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