

PRODUCT DATA SHEET

SikaPaver[®]-1 C+

High performance admixture and compaction aid for semidry/no slump concrete products

DESCRIPTION

SikaPaver[®]-1 C+ is a high performance compaction aid for semi-dry/no-slump concrete

USES

SikaPaver[®]-1 C+ is used for producing optimized coloured semi-dry/no slump concrete with very low water content. Semi-dry/no-slump concrete production is generally used in the manufacture of machine-made concrete products associated with instant de-moulding such as:

- Block Paving (grey / coloured)
- Cement Tiles (grey / coloured)
- Paving flags
- Kerb stones
- Edgings and other items for garden and landscape design
- Building blocks and bricks

CHARACTERISTICS / ADVANTAGES

SikaPaver[®]-1 C+ offers substantial benefits to the producer of semi-dry/no slump concrete products:

- Efficient dispersion and distribution of cement, additives and pigments
- Give high early strength to wet concrete
- Improved movement of the concrete through the machine (faster mould filling)
- Optimized compaction with shorter pressing time and increased output[shorter production cycle]
- Minimized friction between the mould and the concrete [Reductions in equipment wear and tear]
- Reduced adhesion/stickiness between top layer concrete and pressing head/tamper (equipment/tools)
- Increased “green” strength on immediate de-moulding [keeps the shape of freshly de-moulded semi-dry concrete products because it prevents slumping after de-moulding]
- More economic concrete mix designs
- Create superior products.

APPROVALS / CERTIFICATES

Complies with EN 934-2

PRODUCT INFORMATION

Composition	Modified lignosulphonate
Packaging	200 liter drum, 1000 liter container, tanker bulk (depending on client's requirements)
Shelf life	12 months minimum from production date
Storage conditions	Store properly in original unopened, sealed and undamaged packaging. Keep away from direct sunlight. When it is delivered in bulk, the tanks and equipment used must be free of residues from previous deliveries.
Appearance / Colour	Dark Brown liquid
Density	1.16±0.02 kg/l

pH-Value	7.00±1.0
Concrete mixing time	A mixing time of at least 30 seconds is essential, although the actual mixing time after adding the admixture depends on the individual circumstances and should be determined by trials
Recommended dosage	0.2% - 0.6% of cement weight
Dispensing	SikaPaver®-1 C+ shall be added with the mixing water or introduced at the end of the mixing process

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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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