

PRODUCT DATA SHEET

SikaPaver[®] SD-22

Plasticizing admixture for semi-dry concrete

DESCRIPTION

SikaPaver[®] SD-22 is a plasticizing concrete admixture that is specially designed for semi-dry concrete, which makes the concrete easier to compact and increases the packing capacity, which means that the concrete gets a denser structure in fresh and in hardened condition.

USES

SikaPaver[®] SD-22 is used, for example, for paving stones, hollow decks, roof tiles and concrete pipes.

CHARACTERISTICS / ADVANTAGES

SikaPaver[®] SD-22 improves the properties of soil moist concrete, which:

- Enhances compaction
- Reduces wear of machines
- Increases production speed

PRODUCT INFORMATION

Packaging	Can 20 kg, barrel 200 kg, IBC 1000 kg and tank truck. Please contact our customer service, for information of what packaging sizes are sold in Denmark.
Shelf life	9 months from date of production (tanker truck 16 months).
Storage conditions	Storage temperature between +5 °C and +35 °C. Protect from direct sunlight and frost. Use clean plastic, fiberglass or stainless steel tanks when handling the SikaPaver [®] SD-22. These should be cleaned and disinfected at least once a year. Stirring must be done mechanically or with round pumping. Avoid air blowing.
Appearance and colour	Transparent liquid
Density	1,01 ± 0,02 kg/dm ³
Conventional dry material content	6 ± 0,6 vikt-%
pH-Value	4,5 ± 1

Total chloride ion content < 0,10 % of the weight

Equivalent sodium oxide < 0,2 % of the weight

TECHNICAL INFORMATION

Concreting guidance

- SikaPaver® SD-22 is added to the concrete with the mixing water. For accurate dosing, automatic dosing equipment is recommended for weight or volume dosing.
- The recommended mixing time is 45-180 sec depending on the mixer type.

APPLICATION INFORMATION

Recommended dosage

About 0,3-1,0 % of the cement weight

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Pre trials shall be performed according to required concrete standards with actual materials to clarify the right effect is achieved. The effect of this admixture is strongly effected by witch cement type is in use. In some cases, compared to a reference without admixture, the amount of compaction cycles could be higher to get the same final density and at the same time the capillarity and strenght could also be lower.

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

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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