

PRODUCT DATA SHEET

SikaFume®-92 D PK

Pozzolanic highly effective concrete additive

DESCRIPTION

SikaFume®-92 D PK is condensed silica fume, which has been recovered from the exhaust gases of the ferrosilicon production.

USES

- Wet-mix sprayed concrete applications
- Pre-cast concrete
- Cast in-situ concrete
- High strength concrete
- Underwater concrete
- Concrete with low cement content
- Annulus grouting (TBM)

CHARACTERISTICS / ADVANTAGES

- Increased strength
- Substantially improved resistance to chemical and mechanical attack
- Prevents bleeding and segregation in fresh concrete
- Reduced accelerator consumption
- Very thick layers possible

PRODUCT INFORMATION

Chemical Base	In percent of total amount of SikaFume®-92 D PK Moisture content: max 3% as per ASTM C1240 Loss of ignition: max 6% as per ASTM C1240 SiO ₂ : min 85% as per ASTM C1240
Packaging	15 kg 18 kg also supply in bulk if required
Appearance / Colour	Grey powder
Shelf Life	SikaFume®-92 D PK has a shelf life of 12 months.
Storage Conditions	Store in original unopened packaging in a cool and dry condition between +5 °C and +35 °C. Protect from direct sunlight, heat and moisture.
Bulk Density	~ 0.7 kg/l
Concreting Guidance	The use of superplasticizers is recommended for any silica fume concrete. For frost resistance, an additional air-entraining agent must be added.

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.

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 performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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