

PRODUCT DATA SHEET

Sika® Stabilizer Pile-100

Powdered piling concrete admixture

PRODUCT DESCRIPTION

Sika® Stabilizer Pile-100 is a powdered polyacrylate admixture formulated for continuous flight auger (CFA) piling concrete. It is supplied in water-soluble bags and added to the concrete in the drum of a ready mix truck.

USES

- Production of CFA piling concrete
- Production of concrete for retaining wall structures
- Production of stable and solid foundations in areas with difficult ground conditions

CHARACTERISTICS / ADVANTAGES

- Improved cage placement in dry/dense ground conditions
- Improved cohesion properties
- Improved water reduction
- Reduced occurrences of aggregate locking during cage placement
- Reduced water loss from concrete
- Reduced segregation and bleeding
- Reduced pump blockages

PRODUCT INFORMATION

Chemical Base	Modified polyacrylate
Packaging	1 kg water-soluble bags. 20 bags per sealed container. Refer to current price list for packaging variations
Appearance / Colour	Light grey powder
Shelf Life	18 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +40 °C. Always refer to packaging.
Density	~1950 kg/m ³
Total Chloride Ion Content	< 0,1 %
Equivalent Sodium Oxide	< 1,0 %

TECHNICAL INFORMATION

Concreting guidance	The standard rules of good concreting practice, concerning production and placing must be followed. Laboratory trials must be carried out before concreting on site, especially when using a new mix design or producing new concrete components. Fresh concrete must be cured properly and curing applied as early as possible.
Concrete Mix Design	The quantity of Sika® Stabilizer Pile-100 in the mix design must be taken into consideration when determining the quantity of water for a specific w/c ratio. When using Sika® Stabilizer Pile-100, a suitable mix design must be calculated. The local material sources used within the mix design must always be trialled and approved for suitability before commencement of the project.

APPLICATION INFORMATION

Recommended Dosage	1 bag/m ³
Compatibility	Sika® Stabilizer Pile-100 may be combined with many other Sika products. Trials must always be carried out before combining products in specific mixes. Contact Sika Technical Services for additional information and any specific combinations.
Dispensing	Sika® Stabilizer Pile-100 can be added to the concrete in the drum of a ready mix truck. When added directly to a truck mixer, the mixer must rotate its drum at maximum revolutions for at least 1 minute per m ³ concrete and a minimum of 5 minutes must be completed before placement. Before placement, check the concrete visually for a uniform consistency.

VALUE BASE

safety-related 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.

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.

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

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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