

SikaPlast® -Stallion

Powered by ViscoCrete®

Mid-range super-plasticiser with extended workability

Product Description

SikaPlast®-Stallion is a multi-purpose water reducer and superplasticizer with long lasting workability, utilizing Sika's 'ViscoCrete' polycarboxylate polymer technology.

Uses

SikaPlast®-Stallion may be used in both ready mix and on site batching applications:

- As a plant added high range water reducer, to provide excellent plasticity, while maintaining slump for 90 minutes and longer.

Characteristics / Advantages

Water Reduction: SikaPlast®-Stallion can be dosed at low to medium quantities to obtain water reduction from 5-15% and will achieve water reduction up to 20% at high dosage rates.

High Plasticity: The superplasticizing action of SikaPlast®-Stallion provides high-slump, flowing concrete that maintains excellent workability and may be placed with minimal vibration.

Extended Slump Life and Set Control: SikaPlast®-Stallion has been formulated to provide controlled and predictable extended slump life for periods of 90 minutes and longer (depending on dosage) with increased set times at high dosages.

The combined high range water reduction and superplasticising action of SikaPlast®-Stallion provides the following benefits:

- Extended workability.
- Improves performance of pumped concrete
- Higher ultimate strengths allow for greater engineering design flexibility and structural economies.

SikaPlast®-Stallion does not contain formaldehyde, calcium chloride or any other added chlorides and will not initiate or promote the corrosion of steel present in the concrete.

Construction



Application Method / Tools	The standard rules of good concreting practice concerning production and placing are to be followed. Fresh concrete must be cured properly and as early as possible.
Cleaning of Tools	Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.
Notes on Application / Limitations	Frost: If frozen and / or if precipitation has occurred, SikaPlast®-Stallion may be used after thawing slowly at room temperature and after intensive mixing.
Notes	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
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Protective Measures	Upon contact with skin, wash off with soap and water. In case of contact with eyes or mucous membranes, rinse immediately with clean water and seek medical attention without delay.
Ecology	
Transportation Class	
Important Notes	Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities. Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet.
Toxicity	
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 or access on the Internet under www.sika.co.za .



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