

PRODUCT DATA SHEET

Sika ViscoFlow[®]-4230 PH

High Performance Superplasticizing Admixture

DESCRIPTION

Imparts very high workability, allows a large reduction in water content and gives a free flowing concrete.

USES

Sika ViscoFlow[®]-4230 PH a superplasticizer for free flowing concrete in floors, slabs, foundations, slender components with dense reinforcement, walls and columns and other structural elements. Sika ViscoFlow[®]-4230 PH is mainly used for the following types of concrete:

- High performance concrete
- Self compacting concrete
- Prestressed concrete
- Pumped concrete

CHARACTERISTICS / ADVANTAGES

Sika ViscoFlow[®]-4230 PH produces a more uniformly cohesive high quality free flowing concrete.

Sika ViscoFlow[®]-4230 PH will result in the following advantages of concrete:

- Improved dispersion properties
- Very high water reduction
- Improved strength and density
- Improved durability
- Improved cohesion properties
- Improved rheology
- Improved flowability
- Reduced drying shrinkage
- Reliable performance even in design mixes with high clay/silt content

PRODUCT INFORMATION

Chemical Base	Polycarboxylate Ether
Packaging	Available in 210 L drums and 1000 L bulk containers.
Shelf Life	Twelve (12) months from the date of manufacture when stored in its original, unopened, and undamaged packaging under recommended storage conditions.
Storage Conditions	Store in a dry, well-ventilated environment at temperatures between +5 °C and +30 °C . Protect the product from direct sunlight, freezing conditions, and excessive heat exposure to maintain product quality and performance.
Specific gravity	1.14 to 1.10

APPLICATION INFORMATION

Recommended Dosage	Optimum dosage of Sika ViscoFlow [®] -4230 PH shall be determined through site trials. Recommended dosage is 0.6-2.0 % by weight of cementitious materials. Higher dosages may be used when justified by trial results and approved by the client and consultant.
--------------------	---

Stir well before use.

Compatibility

Sika ViscoFlow®-4230 PH may be combined with many other Sika® products.

It is compatible with all types of ordinary Portland cement, PPC, PSC and cement replacement materials.

Important: Always conduct trials before combining products in specific mixes and contact our Technical Service Department for information about specific combinations.

Dispensing

Sika ViscoFlow®-4230 PH can be added into the mixing water or directly into the concrete mixer after 50% – 70% of the mixing water has been added.

The addition of Sika ViscoFlow®-4230 PH to dry aggregate or cement is not recommended.

To achieve optimum performance a minimum wet mixing time, which is depending on the mixing conditions and the mixer performance, of 60 seconds is recommended.

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.

LIMITATIONS

Excessive water addition or overdosing may cause bleeding or segregation.

If precipitation has occurred, Sika ViscoFlow®-4230 PH may be used after intensive mixing.

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 containing physical, ecological, toxicological and other safety-related data.

MAINTENANCE

CLEANING

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.

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.

Sika Philippines Inc.
888 Cayetano Avenue,
C5 Extension, Brgy. Palingon - Tipas
Taguig City, Philippines 1630
Telephone no. +63 2 8790-9800
Fax no. +63 2 8790-9828

Product Data Sheet
Sika ViscoFlow®-4230 PH
July 2026, Version 01.01
021301011000264150

SikaViscoFlow-4230PH-en-PH-(07-2026)-1-1.pdf