

PRODUCT DATA SHEET

Sika[®] Retarder-400 PH

Set Retarding Admixture

DESCRIPTION

Sika[®] Retarder-400 PH is a ready-to-use liquid admixture for making better, more uniform and more predictable high-quality concrete. It retards the setting time to facilitate extended placing and finishing operations.

USES

- all types of concrete where retardation of set and improved performance is required
- improving pumped concrete and conventionally placed concrete
- improving plain, reinforced, precast, prestressed light weight or standard weigh concrete

CHARACTERISTICS / ADVANTAGES

- Improved workability
- Reduced segregation
- Moderate to extended retardation
- Provides flexibility in the scheduling of placing and finishing operations
- Offsets the effects of too-early hardening during extended delays between mixing and placing
- Allows for production of low cost and environment-friendly concrete

PRODUCT INFORMATION

Packaging	1000L IBC and 210L drum
Shelf Life	6 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage Conditions	Store in cool and dry conditions at temperatures between 10°C to 35°C, well ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.
Appearance / Colour	dark brown liquid
Specific gravity	1.02 - 1.06

APPLICATION INFORMATION

Recommended Dosage	Sika [®] Retarder-400 PH is recommended for use at a dosage rate of 400 - 1000 ml per 100 kg of cementitious materials. Variations in the job conditions and concrete making materials employed may require dosage rates outside the recommended range. Consult your Sika representative for assistance in determining the rate dosage.
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Dispensing

Sika® Retarder-400 PH can be added into the mixing water or can be added to the wet concrete after the mixing water has been added. The addition of Sika® Retarder-400 PH to a dry concrete mix is not recommended. A separate dispenser and feed line must be used.

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.

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