

PRODUCT DATA SHEET

SikaRapid®-4 S

Set accelerator

DESCRIPTION

SikaRapid®-4 S is a set accelerator for concrete and mortar containing added chloride.

USES

SikaRapid®-4 S is recommended for use in premix and precast concrete where very fast setting times are required. As a result, SikaRapid®-4 S allows:

- faster finishing of concrete surfaces
- higher early strength of premixed concrete
- rapid slip-form movement
- enhanced productivity at precast yards

CHARACTERISTICS / ADVANTAGES

- Can be used as an accelerator or in combination with a superplasticiser
- Faster demoulding
- Higher productivity

PRODUCT INFORMATION

Packaging	Bulk deliveries 1000 litre IBC 10 litre container
Shelf life	Stored at temperatures between 5°C and 35°C in unopened original containers protected from direct sunlight, shelf life is 12 months.
Storage conditions	Store at temperature between 5°C and 35°C, protected from direct sunlight.
Appearance and colour	Orange liquid
Density	1.25 kg/l approximately
Total chloride ion content	1 litre of SikaRapid®-4 S contains approximately 70 g of chloride ions.
Recommended dosage	Dosage is 400 ml - 2000 ml/100 kg of total cementitious material. Exact dosage rate should be determined by site trials.
Compatibility	SikaRapid®-4 S can be used in conjunction with any non-retarded Sika Concrete Admixture. Tests must be carried out to determine the optimum combination.

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.

FURTHER INFORMATION

A dose of 5 L/m³ will give up to 0.350 kg/m³ chloride ion; for concrete containing reinforcement or other items requiring protection the maximum permitted chloride content is 0.8 kg/m³ (AS1379).

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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Product Data Sheet

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