

PRODUCT DATA SHEET

SikaRapid[®]-700 L

Liquid hardening accelerating admixture

DESCRIPTION

SikaRapid[®]-700 L is a liquid hardening accelerator for grout, mortar and concrete.

SikaRapid[®]-700 L promotes early strength development while positively influencing final strength.

USES

SikaRapid[®]-700 L is suitable for any cementitious application where fast early strength development plays a major role, or is of crucial importance within the first hours.

SikaRapid[®]-700 L is used for the following applications:

- Cable and bolt grout
- Precast concrete
- Ready- mixed concrete where early demoulding is essential
- Slip-formed concrete
- Concrete mixes containing blended cements

CHARACTERISTICS / ADVANTAGES

SikaRapid[®]-700 L provides the following advantages through accelerated hardening of the cement based product within 4 to 18 hours depending on grout/concrete mix design, temperature and curing conditions:

- Fast cable installation
- Faster turnaround of formwork in precast applications
- Reduced or eliminated heat or steam curing
- Fast construction processes and early load bearing capacity
- No negative effects on the final strengths
- Ensured early strength development of concrete mixes produced with blended cements

SikaRapid[®]-700 L does not contain chlorides or any other ingredients which promote the corrosion of steel. It is therefore suitable for use in reinforced concrete structures.

PRODUCT INFORMATION

Packaging	Carton box containing 6 bottles, 0.7 litre each.
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage conditions	Storage temperatures between +5°C and +35°C. Protect from direct sunlight, frost and contamination.
Appearance and colour	Clear liquid
Density	~ 1,40 kg/l (at +23 °C).
Recommended dosage	For cable grouting: 1 bottle per 20 kg bag of binder. For concrete, mortar & grout: 2 to 5 bottles per 100 kg of cementitious material. Exact dosage rate should be determined by site trials.

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 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.

Sika Australia Pty Limited

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48

Product Data Sheet

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