

PRODUCT DATA SHEET

SikaRapid[®]-110 P

Powdered hardening accelerator for cementitious mortars

DESCRIPTION

SikaRapid[®]-110 P is used as a hardening accelerator for cementitious dry mortars e.g. lime-cement plaster, masonry mortar, repair-and installation mortar, CSA-based ternary self leveller, adhesive- and reinforcing mortars or spray mortars.

USES

- Accelerating of cementitious dry mortars
- Stimulation of low-cement mortar systems e.g. lime cement plaster
- Adaptation of the setting time at low temperatures
- Recipe and production plant adjustments at different cement qualities
- As an accelerator in ternary CSA-systems

CHARACTERISTICS / ADVANTAGES

SikaRapid[®]-110 P causes in cementitious mortars

- Faster strength development
- Higher early strength first 1 -3 hours

The effect depends on

- Cement content, age, type
- Temperature of fresh mortar and substrate
- Dosage

SikaRapid[®]-110 P has especially the following advantages as hardening accelerator:

- High efficiency even at low doses
- Compareable final strength of the accelerated mortar system
- Rapid sequence of individual operations
- Application of several layers at high layer thickness in one working day
- Sufficient strength at danger of night frost

PRODUCT INFORMATION

Composition	inorganic active substance mixture
Packaging	13 kg bag/30 bags a pallet 500 kg BigBag on pallet shrink wrapped
Appearance / Colour	White powder
Shelf life	24 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.
Storage conditions	Dry, protected from direct weather exposure.
Bulk Density	0.40 g/cm ³
Total Chloride Ion Content	≤ 0.10 %

APPLICATION INFORMATION

Recommended Dosage	As a stimulator in general between 0.1 - 0.2 % of the dry mortar weight, as a hardening accelerator 0.5 – 1.0 % on cement, as a setting accelerator 1.0-2.0 % on cement depending on the type of cement and cement content. Note: Preliminary testing is required to determine the exact dosage for your specific conditions. Please contact our technical service for more information and assistance.
Dispensing	In the dry mortar plant in the dry mortar mixture.
Restrictions	High temperatures can lead to significant shorter processing times. Initial testing in smaller trial areas is required before first usage.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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. Further notes and information data sheets on product safety and disposal can be found on the Internet at www.sika.de.

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
SikaRapid®-110 P
February 2019, Version 01.01
02140202100000096

SikaRapid-110P-en-DE-(02-2019)-1-1.pdf

