

PRODUCT DATA SHEET

Sika® Intraplast® A

Plasticising / Shrinkage Compensating Admixture for Grout, Concrete and Mortar

PRODUCT DESCRIPTION

Sika® Intraplast® A is a beige powder, which gives an expanding, easily worked and homogeneous mortar. Sika® Intraplast® A stabilizes the mortar and causes expansion before initial set. Sika® Intraplast® A produces a controlled delay of setting time and provides a more efficient dispersion of cement grains, which increases the fluidity and penetration into fine cracks and cavities.

USES

Sika® Intraplast® A can be used for all types of concrete qualities, particularly for:

- Grouting
- Joint Sealing
- Concrete Floors

PRODUCT INFORMATION

Packaging	20 kg bag, bulk bag
Shelf Life	12 months from date of production when stored dry in unopened original packaging
Storage Conditions	Stored dry in unopened original packaging. NOTE Strongly hygroscopic.
Appearance / Colour	Beige powder
Density	0.6 kg/L
Total Chloride Ion Content	<0.10 % w/w (chloride free)
Equivalent Sodium Oxide	<16 % w/w (alkali content)

APPLICATION INFORMATION

Recommended Dosage	0.4-1.0 % by weight of cement
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CHARACTERISTICS / ADVANTAGES

- Cement grouting
- Cable channels.
- Filling cracks and small cavities in rocks
- Soil and ground stabilisation.
- Early-age shrinkage reduction

APPROVALS / STANDARDS

Sika® Intraplast® A is certified by Vattenfall Research and Development AB. Certificate No: 04520
The product meets the criteria for chemical products at BASTA.

VALUE BASE

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 DOCUMENTS

Initial expansion: 3-8 % by volume

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

Grouting

- Add the cement / dry mortar to the mixing water and mix thoroughly to a homogeneous mass.
- Add Sika® Intraplast® A and mix thoroughly for another 1-3 minutes.

For Mortar / Concrete mixtures

- The swelling of the mortar starts about 15 minutes after mixing, and stops after ~1.5 hours; add Sika® Intraplast® A directly to the mixer in the truck to maximise the admixture expansion time.
- After addition to the mixer truck, the mixing time should be between 5-10 minutes depending on the type and wear on the current mixer truck.
- At lower temperatures, the period of expansion is extended.

General instructions

- The mortar temperature should not exceed 20 °C.
- In order to make maximum use of the expansion, the mixture should be used within 30 minutes.
- Typical water-binder ratio from 0.40 to 0.65.
- Trial mixes are recommended prior to supply

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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