

## PRODUCT DATA SHEET

# Sika® Beschleuniger BE 2-05

powdered setting accelerator for shotcrete

## DESCRIPTION

Sika® Beschleuniger BE 2-05 is an alkaline setting accelerator, used for fast setting shotcrete or spray mortar in dry spraying method.

## USES

Typical fields of application are:

- slope stabilization
- slope securing
- fast setting mortars

Sika® Beschleuniger BE 2-05 is particularly suitable for:

- the use in dry mortar plants

## CHARACTERISTICS / ADVANTAGES

Sika® Beschleuniger BE 2-05 leads to

- activation of cement hydration
- accelerated formation of strength-increasing hydration products which results in
- quick setting of sprayed concrete
- quick and regular early strength development

## PRODUCT INFORMATION

<b>Composition</b>	sodium aluminate
<b>Packaging</b>	1000 kg bigbag
<b>Appearance / Colour</b>	light grey powder
<b>Shelf life</b>	12 months shelf life from date of production.
<b>Storage conditions</b>	Stored dry and properly in undamaged, unopened, original sealed packaging. Protect from any humidity.
<b>Bulk Density</b>	ca. 0.90 g/cm <sup>3</sup>
<b>Total Chloride Ion Content</b>	≤ 0.20 %

# APPLICATION INFORMATION

<b>Recommended Dosage</b>	approx. 2 - 5 % of cement weight
<b>Dispensing</b>	Sika® Beschleuniger BE 2-05 is added to the dry mix in the dry mix mortar plant. Alternatively, it can be added to the dry mortar/concrete premix at the construction site, prior to feeding the spray equipment (rotormaschine). The accelerating performance depends on the cement, the water-cement-ratio of the sprayed concrete and the ambient temperature. Important: Always conduct trials before combining products in specific mix designs and contact our Technical Service Department for any additional informations and advice concerning specific combinations with other products.
<b>Restrictions</b>	Sika® Beschleuniger BE 2-05 is a special tailor-made customer product. There is no CE-marking available for use Sika® Beschleuniger BE 2-05 as a setting accelerator according EN 934-5.

## 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](http://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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