

## PRODUCT DATA SHEET

# SikaGrind<sup>®</sup>-7259 Activator

## QUALITY IMPROVER FOR PORTLAND LIMESTONE CEMENT

### DESCRIPTION

SikaGrind<sup>®</sup>-7259 Activator is a liquid cement additive with performance enhancing properties. SikaGrind<sup>®</sup>-7259 Activator has been specifically developed to produce Portland Limestone Cement. It improves the strength development

### USES

- Replace the clinker with limestone
- Increase the early and late strength of cement

### FEATURES

SikaGrind<sup>®</sup>-7259 Activator gives the following advantages to the cement:

- Increased strength development at all ages;
- Economic and ecologic cement design with clinker replacements.

### PRODUCT INFORMATION

<b>Composition</b>	Inorganic compound
<b>Packaging</b>	1,300 kg IBC
<b>Appearance and colour</b>	Clear to Light Brown Liquid
<b>Shelf life</b>	12 months in undamaged, unopened and sealed original containers
<b>Storage conditions</b>	Stored at temperatures between +5°C and +35°C. Protect from frost, direct sunlight, and contamination. Note: When delivered in bulk, the tanks and equipment used must be free from contaminants.
<b>Density</b>	1.320 - 1.345 g/cm <sup>3</sup> (20 °C)

# APPLICATION INFORMATION

## Recommended dosage

Typical dosage rates of SikaGrind®-7259 Activator are between 0.5 – 3.0 kg per tonne of cement (0.05 – 0.30% of total weight = cement clinker + additions). The optimum dosage to achieve the desired characteristics shall be determined in plant trials. Influencing factors are e.g. the properties of clinker, limestone, and other plant variables. For consistent results, SikaGrind®-7259 Activator must be accurately dispensed.

## Compatibility

Cements treated with SikaGrind®-7259 Activator are compatible in concretes produced with all commercial admixtures including air entrainers, water reducers, retarders, and superplasticizers. The performance of concrete admixtures is not adversely affected using SikaGrind®-7259 Activator.

## Dispensing

SikaGrind®-7259 Activator shall be added onto the clinker feed shortly before the mill entrance or directly into the grinding mill. Suitable dosage pumps with adjustable flow rates shall be used for accurate dosing. Note: Periodically, the end of the additive tube/hose shall be checked to ensure that it is not blocked.

## 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 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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Product Data Sheet  
SikaGrind®-7259 Activator  
June 2026, Version 01.01  
021407011000264190

SikaGrind-7259Activator-en-TH-(06-2026)-1-1.pdf