

## PRODUCT DATA SHEET

## SikaGrind®-747 FR

Quality Improving Additive for Cements and Mineral Fillers

## PRODUCT DESCRIPTION

SikaGrind®-747 FR is a liquid, chloride-free grinding agent for grinding and activating cement, especially with high levels of clinker replacement.

## USES

SikaGrind®-747 FR has been specially designed to improve the cement grinding process with a reduced clinker content, enabling the production of lower carbon cements. This is achieved by chemically activating the cement to increase early and late-age strengths, despite the reduction in clinker content associated with decarbonisation. SikaGrind®-747 FR also facilitates the flow of powders during loading or emptying silos and trucks.

## CHARACTERISTICS / ADVANTAGES

- Chemical activation increasing early and late age strength
- Improved efficiency of the grinding and separation process
- Reduced energy consumption per tonne produced
- Reduction in over-sized particles
- Improved flowability of powder

## PRODUCT INFORMATION

Packaging	1000 L IBCs
Appearance / Colour	Yellow / brown liquid
Shelf Life	12 months from date of production if stored correctly in original, undamaged containers.
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
pH-Value	8.0 ± 1.0
Total Chloride Ion Content	≤0.1 %
Specific gravity	1.16 kg/L

## APPLICATION INFORMATION

Recommended Dosage	Typically 500-1500 g per tonne. The optimal dosage should be determined by trials.
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## 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.

## 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.

## 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

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