

## PRODUCT DATA SHEET

# SikaCem<sup>®</sup> Désactivant 2-4

WATER BASED SURFACE RETARDER FOR CONCRETE WITH EXPOSED AGGREGATES, WITH ADDITIONAL HIGH CURING PERFORMANCE

### DESCRIPTION

SikaCem<sup>®</sup> Désactivant 2-4 is a water based surface retarder which deactivates concrete mixes to a depth of 2–4 mm, providing a decorative surface with exposed aggregates.

SikaCem<sup>®</sup> Désactivant 2-4 provides excellent curing performance.

### USES

SikaCem<sup>®</sup> Désactivant 2-4 is recommended for use on horizontal decorative surfaces, such as :

- Pedestrian zones
- Housing development road systems
- Patios
- Swimming pool surrounds
- Extruded concrete barriers

### CHARACTERISTICS / ADVANTAGES

SikaCem<sup>®</sup> Désactivant 2-4 allows deactivation of cementitious mixes up to a depth between 2 to 4 mm and must be used with mixes containing aggregate size between  $D_{max}$  6 to 12mm.

SikaCem<sup>®</sup> Désactivant 2-4 provides the following advantages:

- Aesthetical aspect with exposed aggregates appearance
  - Non skid surface for vehicles and pedestrians
- Curing performance of SikaCem<sup>®</sup> Désactivant 2-4 according to the French standard NFP 18-370 are very high:
- 100% at 6 hours
  - 99% at 24 hours

### PRODUCT INFORMATION

<b>Packaging</b>	<ul style="list-style-type: none"> <li>▪ 5 lt can</li> <li>▪ 20 lt can</li> </ul>
<b>Appearance / Colour</b>	Liquid, blue
<b>Shelf life</b>	12 months in unopened original packaging. After opening the container, it must be closed carefully and the remaining product must be used as soon as possible.
<b>Storage conditions</b>	Store in original, undamaged, unopened packaging in dry and cool place at temperatures between +5°C to +30°C. Protect from frost and high temperatures. If SikaCem <sup>®</sup> Désactivant 2-4 has frozen, it can recover its original properties after storage at warm temperature conditions and full homogenization.
<b>Density</b>	~ 1 kg/lt
<b>pH-Value</b>	~ 6

## APPLICATION INFORMATION

<b>Consumption</b>	1 litre for 4 to 5 m <sup>2</sup>
<b>Ambient Air Temperature</b>	During application, air, product and substrate temperature should be between +5°C and +35°C.
<b>Equipment</b>	Apply using a sprayer equipped with a metal nozzle with an opening of 0,79mm and a pressure between 2 to 4 bars.

## APPLICATION INSTRUCTIONS

It is recommended that a trial surface of approx. 1 m<sup>2</sup> be prepared to the site, in order to assess the optimum time to start washing off the treated surface.

### SUBSTRATE QUALITY / PRE-TREATMENT

Protect the area surrounding the site from accidental projections of SikaCem® Désactivant 2-4 during spraying or from bleeding with a plastic film.

### APPLICATION

- Homogenize the product before use.
- When smoothing is complete, spray SikaCem® Désactivant 2-4 evenly in one spraying, all over the concrete surface to be treated, using a sprayer.
- For better results, pre-wet the surface and wait for few minutes.
- Wash the surface off with a high pressure water jet (100–150 bars max). Depending on weather conditions (temperature, sun, wind) the deactivation phase will start between 5 and 24 hours.
- After washing, continue curing of concrete surface with suitable curing membrane (e.g. Sika® Antisol®).

## IMPORTANT CONSIDERATIONS

- In case of rainfall during first 3 hours after spraying, the product must be re-applied.
- If lots of aggregates become loose during washing down, reduce the washing pressure or wait a bit longer.

## 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.

## 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.

## 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.

## 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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