

PRODUCT DATA SHEET

SikaCem[®] Désactivant 4-6

AQUEOUS PHASE SURFACE RETARDER FOR CONCRETE WITH EXPOSED AGGREGATES, WITH ADDITIONAL VERY HIGH CURING PERFORMANCE

DESCRIPTION

SikaCem[®] Désactivant 4-6 is an aqueous phase surface retarder, providing a decorative surface with exposed aggregates to a depth of 4–6 mm. SikaCem[®] Désactivant 4-6 provides excellent curing performance.

USES

SikaCem[®] Désactivant 4-6 can be used for public and private external floor surfaces, such as:

- pedestrian zones
- driveways
- sidewalks
- housing development road systems
- patios
- swimming pool surrounds
- extruded concrete barriers

CHARACTERISTICS / ADVANTAGES

SikaCem[®] Désactivant 4-6 allows deactivation of depth from 4 to 6 mm and must be used with granulates of D_{max} from 12 to 20 mm.

SikaCem[®] Désactivant 4-6 provides the following advantages:

- aesthetical aspect with exposed aggregates appearance
- non skid for vehicles and pedestrians
- improved resistance to traffic

Curing performances of SikaCem[®] Désactivant 4-6 according to French standard NFP 18-370 are very high:

- 100% at 6 hours
- 100% at 24 hours

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 5 L can ▪ 20 L can
Appearance / Colour	White liquid
Shelf life	12 months in unopened original packaging. After use, packaging must be closed carefully and the remaining product must be used quickly.
Storage conditions	Storage from +5°C to +30°C. Protect from frost and high temperature. If SikaCem [®] Désactivant 4-6 has been frozen, the product can recover original properties after storage at warm temperature and homogenization.
Density	~ 1
pH-Value	4,0 ± 1,0

APPLICATION INFORMATION

Consumption	4 to 5 m ² per litre
Ambient Air Temperature	During application, air, product and substrate temperature should be between +5°C and +35°C.
Equipment	Sprayer equipped with a metal nozzle with an opening of 0,79 mm and a pressure of 2 to 4 bars.

APPLICATION INSTRUCTIONS

It is recommended that a trial surface of approx. 1 m² be prepared in addition to the site, to help assess the optimum time at which to start washing down.

SUBSTRATE QUALITY / PRE-TREATMENT

Protect the area surrounding the site from accidental projections of SikaCem® Désactivant 4-6 during spraying or from bleeding with a plastic film or a protective product such as SikaCem® Film.

APPLICATION

- Homogenize the product before use. When smoothing is complete, spray SikaCem® Désactivant 4-6 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 down 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, pursue curing of concrete surface with Sika® Antisol® products.

IMPORTANT CONSIDERATIONS

- In the event of rain within 3 hours after spraying, immediate re-application is recommended.
- If any 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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