

PRODUCT DATA SHEET

Sika® Aktivator-100

Transparent solvent-based adhesion promoter for various substrates

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Solvent-based adhesion promoter						
Color (CQP001-1)	Colorless to slightly yellow						
Application temperature	5 – 40 °C						
Application method	Wipe-on, wipe-off with lint-free paper towel						
Consumption	20 ml/m ²						
Flash-off time	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: right;">≥ 15 °C</td> <td>10 minutes^A</td> </tr> <tr> <td style="width: 50%; text-align: right;">< 15 °C</td> <td>30 minutes^A</td> </tr> <tr> <td style="width: 50%; text-align: right;">maximum</td> <td>2 hours^A</td> </tr> </table>	≥ 15 °C	10 minutes ^A	< 15 °C	30 minutes ^A	maximum	2 hours ^A
≥ 15 °C	10 minutes ^A						
< 15 °C	30 minutes ^A						
maximum	2 hours ^A						
Shelf life	12 months ^B						

CQP = Corporate Quality Procedure

^{A)} for specific application, temperature and flash-off time may be different

^{B)} stored in sealed container in a dry place at ≤ 25 °C

DESCRIPTION

Sika® Aktivator-100 is a solvent-based colorless adhesion promoter, which reacts with moisture and deposits active groups on the substrate. These groups act as a link between substrates and primers or sealants/adhesives. Sika® Aktivator-100 is specifically formulated for the treatment of bond faces prior to application of Sika's elastic adhesives and sealants.

PRODUCT BENEFITS

- Easy to use
- Enhanced adhesion on a wide variety of non-porous substrates
- Short flash-off time
- Transparent

AREAS OF APPLICATION

Sika® Aktivator-100 is used to improve adhesion on substrates such as float glass, ceramic screen prints, the cut face of old Polyurethane adhesives and paints. After intensive testing, this activator is also suitable to enhance the adhesion of other Sika sealants and adhesives on non-porous substrates.

Seek manufacturer's advice and perform tests on original substrates before using Sika® Aktivator-100 on materials prone to stress cracking.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

METHOD OF APPLICATION

Surfaces must be clean, dry and free from grease, oil, dust and contaminants.

Adhesion on substrates may be improved by adding and/or combining pre-treatment processes such as scuffing and cleaning prior the activator application.

Application

Wipe bond faces with a clean, lint-free paper towel moistened (not wet) with Sika® Aktivator-100. Immediately wipe-off with a clean, dry, lint-free paper towel. Never dip the towel into the activator. Only wipe the surface with a clean side of the towel. Do not moisten the same paper towel twice and change it frequently.

Sika® Aktivator-100 has to be applied sparingly as excess of activator could lead to adhesion failure.

If the pre-treated area is not bonded within the maximum flash-off time, the activation process has to be repeated (once only).

Ideal application and surface temperature is between 15 °C and 25 °C.

Consumption and method of application depends on the specific nature of the substrates.

Tightly reseal container immediately after each use.

Pad: Hold pad directly against the frit on the glass, then pinch the handle with thumb and index finger to break internal vials thus releasing Sika® Aktivator-100 into the pad (do not bend!).

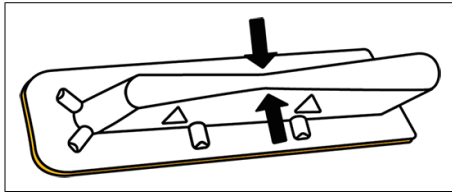


Fig. 1: Sika® Aktivator-100 Pad

IMPORTANT NOTE

Sika® Aktivator-100 contains solvent which may dull the surface finish of some freshly applied paints. Preliminary trials must be carried out.

Never apply to porous substrates since it may not dry completely and prevent the adhesive or sealant from curing.

Protect adjacent surfaces by masking where necessary.

Sika® Aktivator-100 is a moisture reactive system. In order to maintain product quality it is important to reseal the container with the inner plastic liner immediately after use. Once the surface pre-treatment operation is completed the cap has to be screwed on. Prolonged exposure to atmospheric moisture will cause Sika® Aktivator-100 to become inactive. Immediately discard Sika® Aktivator-100 if it has become opaque instead of clear. Dispose of product approx. one month after opening if used frequently or after two months in case of infrequent use. 30 ml cans and pads are for single application only.

Never dilute or mix Sika® Aktivator-100 with any other substances.

It must not be used for tooling/smoothing of products or as cleaning agent.

If used on transparent or translucent substrates such as float glass, plastics, etc., an adequate UV protection is mandatory except for Sikasil® silicone sealants and adhesives.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Working instructions issued for a defined application may further specify technical data contained in this Product Data Sheet.

Copies of the following publications are available on request:

- Safety Data Sheets

PACKAGING INFORMATION

Can	30 ml 250 ml 1000 ml
Pad	3.3 ml

BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

PRODUCT DATA SHEET

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Sika Danmark A/S

Hirsemarken 5
3520 Farum
Tlf. +45 48 18 85 85
www.sika.dk

