BUILDING TRUST

PRODUCT DATA SHEET

Sika® Aktivator-205

Transparent solvent-based adhesion promoter for non-porous substrates

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base		Solvent-based adhesion promoter
Colour (CQP001-1)		Colorless, clear
Application temperature		5 – 40 °C
Application method		Wiping with lint-free paper towel
Consumption		20 ml/m²
Flash-off time	minimum	10 minutes [A/B]
	maximum	2 hours [A/B]
Shelf life (CQP016-1)		12 months [C]

CQP = Corporate Quality Procedure

[A)] 23 °C / 50 % r. h.

[B)] for specific application, temperatur and flash-off time may be different

[C)] stored in sealed container in a dry place at ≤ 25 °C

DESCRIPTION

Sika® Aktivator-205 is a solvent-based colorless clear 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-205 is designed for the treatment of bond faces prior to application of Sikaflex® and Sikasil® adhesives and sealants.

Primer Product Benefits

- Enhanced adhesion on various substrates
- Short flash-off time
- Easy to use
- Transparent

AREAS OF APPLICATION

Sika® Aktivator-205 is used to improve adhesion on non-porous substrates such as metals, plastics, ceramic screen prints and painted surfaces.

Seek manufacturer's advice and perform tests on original substrates before using Sika® Aktivator-205 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.

Primer Application

Wipe bond faces with a clean, lint-free paper towel moistened (not wet) with Sika® Aktivator-205. 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-205 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.

IMPORTANT NOTE

Sika® Aktivator-205 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.
If Sika® Aktivator-205 is accidentally splashed onto adjacent surfaces, wipe-off immediately with a clean, dry cloth.
Sika® Aktivator-205 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-205 to become inactive. Immediately discard Sika® Aktivator-205 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 are for single application only.
Never dilute or mix Sika® Aktivator-205 with any other substrances.
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.

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

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.

HEALTH AND SAFETY INFORMATION

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

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse 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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