

PRODUCT DATA SHEET

Sika® Primer-207

PIGMENTED, SOLVENT-BASED PRIMER FOR VARIOUS SUBSTRATES

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Solvent-based Polyurethane solution	
Color (CQP001-1)	Black	
Solid content	27 %	
Application temperature	5 – 40 °C	
Application method	Brush, felt or foam applicator	
Consumption	depending on substrate porosity	50 ml/m ²
Flash-off time	above 5 °C	10 minutes ^A
	maximum	24 hours ^A
Shelf life (CQP016-1)	1000 ml	9 months ^B
	smaller packagings	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 up-right position in a dry place ≤ 25 °C

DESCRIPTION

Sika® Primer-207 is a solvent-based black primer, which reacts with moisture and forms a thin layer. This layer acts as a link between substrates and adhesives.

Sika® Primer-207 is specifically formulated for the treatment of bond faces prior to application of Sika's 1-component Polyurethanes. This primer might provide excellent adhesion without previous activation step on many substrates. Sika® Primer-207 fluoresces under long-wave UV light for a limited period of time. This feature is used for in-process control.

PRODUCT BENEFITS

- Enhanced adhesion on a wide variety of substrates
- Visible under UV light
- Easy to use

AREAS OF APPLICATION

Sika® Primer-207 is used to improve adhesion on a very broad range of different substrates such as float glass, ceramic-coated glass, plastics, pre-coatings, painted surfaces, E-coats and metals.

Seek manufacturer's advice and perform tests on original substrates before using Sika® Primer-207 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, cleaning and activating.

Application

Shake the Sika® Primer-207 can very thoroughly until mixing balls rattle freely. Continue shaking for another minute and apply a thin but covering coat with a brush, felt or foam applicator.

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

Sika® Primer-207 has to be applied once only. Care must be taken to ensure that this single application gives adequately dense coverage. Consumption and method of application depend on the specific nature of the substrates. Tightly reseal container immediately after each use.

IMPORTANT NOTE

If Sika® Primer-207 is used below 5 °C further testing under expected conditions are mandatory.

Sika® Primer-207 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.

Dispose of product one month after opening if used frequently or after two months in case of infrequent use. For 100 ml pack sizes dispose it of two weeks after opening. 30 ml cans, stix and tubes are for single application only.

If gelling, separation or a significant increase in viscosity is noted, discard the primer immediately.

Never dilute or mix this product with any other substances.

If used on transparent or translucent substrates such as float glass, plastics, etc., an adequate UV protection is mandatory.

DETECTION OF THE LUMINESCENCE

Sika® Primer-207 can be visualized by using a light source with a wavelength of 320 to 420 nm as inline control. By reducing foreign light such as sunlight or artificial light during the detecting process the quality of the detection can be increased significantly.

Note: The luminescent effect will degrade with time.

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
- Instruction of use for AGR
- Sika Technicians' Handbook for Passenger Car Glass Replacement

PACKAGING INFORMATION

Stix	1.4 ml
Tube	10 ml
Can	30 ml
	100 ml
	250 ml
	1000 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.

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