

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)	Stix 13 months ^B All other package sizes 12 months ^B

CQP = Corporate Quality Procedure

^{A)} in specific application, temperature and flash-off time may be different^{B)} stored in sealed container in up-right position in a dry place between 5 and 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.

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. Test 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 ball rattles 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 worst case 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 the product approx. 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. Stix 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
- Sika AGR Technician Training Manual

PACKAGING INFORMATION

Stix	1.4 ml
Can	100 ml
	250 ml
	1000 ml

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are laboratory test based. Current measured values may vary due to factors beyond our influences.

ENVIRONMENTAL, HEALTH AND

SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1- 800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by contacting SIKA's Technical Service Department via email at tsmh@us.sika.com. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 201-933-8300.

