



PRODUCT DATA SHEET

Sika® Primer-207 AGR

PIGMENTED, SOLVENT-BASED PRIMER FOR VEHICLE GLASS APPLICATIONS

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Solvent-based polyurethane solution	
Colour (CQP001-1)	Black	
Solid content	27 %	
Application temperature	5 °C – 40 °C	
Application method	Brush, felt or foam applicator	
Consumption	depending on substrate porosity	50 mL/m ²
Flash-off time	above 5 °C maximum	10 minutes ^A 24 hours ^A
Shelf life	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 AGR 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 AGR is specifically formulated for the treatment of bond faces prior to application of Sika's 1-component Polyurethanes. This primer provides excellent adhesion without previous activation step on many substrates. Sika® Primer-207 AGR 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 AGR is used to improve adhesion on the different substrates used for bonding vehicle glass 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 AGR 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 AGR can vigorously until you hear the mixing ball rattle and then continue shaking for an additional 10 seconds. 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.

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 AGR is used below 5 °C further testing under worst case conditions is mandatory.

Sika® Primer-207 AGR 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 after the expiration date or within one (1) month after opening for the first time, whichever comes first.

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, organic glass, etc., an adequate UV protection is mandatory.

DETECTION OF THE LUMINESCENCE

Sika® Primer-207 AGR 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 over 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

Bottle	250 mL
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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

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

DISCLAIMER

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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