

Sika[®] Primer-207

Pigmented, solvent-based adhesion promoter

Typical Product Data

Chemical base	Solvent-based polyurethane solution
Colour	Black
Density (CQP ¹ 006-3 / ISO 2811-1)	1.0 kg/l
Viscosity (CQP029-3 / ISO 3219)	15 mPa·s
Flash point (CQP007-1 / ISO 13736)	-4 °C
Solid content	27 %
Application temperature	5 - 40 °C
Application	Brush, felt or foam applicator
Coverage depending on substrate porosity	50 - 150 ml per m ²
Flash-off time ²	above 5 °C maximum 10 minutes 24 hours
Storage	In sealed container in a dry place at ≤ 25 °C
Shelf life	9 months

¹) CQP = Corporate Quality Procedure

²) In specific application temperature and flash-off time may be different

Description

Sika[®] Primer-207 is a black, moisture curing liquid primer specifically formulated for the treatment of bond faces prior to application of Sika[®] polyurethane adhesives and sealants. This primer may provide excellent adhesion without previous activation step on many substrates. Sika[®] Primer-207 combines reduced flash-off time and fast adhesion built-up.

Sika[®] Primer-207 fluoresces under long-wave UV light.

Areas of Application

Sika[®] Primer-207 is used to give improved adhesion in adhesive bonding applications on a very broad range of different substrates such as float glass, ceramic-coated glass, plastics, pre-coatings, painted surfaces, E-coats and metals. This product is suitable for experienced professional users only. Tests with actual substrates and conditions, especially boundary temperature conditions have to be performed to ensure adhesion and material compatibility.

Method of Application

Surfaces must be clean, dry and free from grease, oil and dust. Adhesion on substrates may be improved by adding and combining pre-treatment processes such as scuffing, cleaning and activating.

Application

Shake the can of Sika[®] Primer-207 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. Tightly re-seal container immediately after each use.

Industry



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 the product approx. one month after opening the can. For 100 ml pack sizes and smaller dispose the primer after 2 weeks.

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.

Detection of the luminescence

Sika® Primer-207 can be visualized by using a light source with a wavelength of 320 to 420 nm as in-line 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

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

Packaging Information

Can	30 ml
	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.

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

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Further information available at:
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