

# Sika® Primer-209 N

Pre-treatment agent for plastics and painted surfaces

Technical Product Data

Chemical base	Pigmented polyurethane solution
Color	Black
Density (CQP <sup>1</sup> 006-3 / ISO 2811-1)	1.0 kg/l approx.
Flash point (CQP 007-1 / ISO 13736)	-4°C (25°F)
Solid content	38%
Application temperature	10 - 35°C (50 - 95°F)
Application method	Brush or felt
Coverage	150 g per m <sup>2</sup> approx.
Flash-off time <sup>2/3</sup>	minimum 30 min maximum 24 hours
Storage	In sealed container in a dry place at ≤ 25°C (77°F)
Shelf life	9 months

<sup>1)</sup> CQP = Corporate Quality Procedure

<sup>2)</sup> 23°C (73°F) / 50% r.h.

<sup>3)</sup> In specific applications temperature and flash-off time may be different

**Description**

Sika® Primer-209 N is a black pigmented liquid of low viscosity which dries by reaction with atmospheric moisture. It is used to prime painted surfaces and plastic substrates prior to bonding with Sikaflex® products.

Sika® Primer-209 N is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

**Areas of Application**

Sika® Primer-209 N is suitable for application to the following substrates:

- Plastics                   Acrylic (PMMA)  
                                  Polycarbonate  
                                  ABS, etc.
- Paints                     Acrylics  
                                  Alkyds/melamine

Because paints and plastics vary so much in their chemical composition, preliminary trials are necessary. Always seek manufacturer's advice before using primer on plastics that are prone to stress cracking, such as acrylics, polycarbonates or ABS.

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/or combining pre-treatment processes such as scuffing, cleaning and activating.

*Application*

Shake Sika® Primer-209 N very thoroughly until mixing ball rattles freely and apply a thin but covering coat with a brush or felt pad.

Do not apply at temperatures below 10°C or above 35°C.

Sika® Primer-209 N 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.



### Important Note

Sika® Primer-209 N 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 of approx. one month after opening if used frequently or after 2 months in case of infrequent use.

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.

### 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 Sheets
- Sika Pre-treatment Chart for 1-Component Polyurethanes

### Packaging Information

Can	30 ml
	250 ml
	1 l

### Value Bases

All technical data stated in this Product Data Sheet are laboratory test based. Current measured values may vary do 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.

### Legal Notes

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:  
[www.sika.co.uk](http://www.sika.co.uk)  
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The Sika logo, consisting of the word 'Sika' in a stylized yellow font on a red triangular background.