

## PRODUCT DATA SHEET

# SikaPower®-2950

Fast plastic adhesive

## TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Properties	SikaPower®-2950 A	SikaPower®-2950 B
Chemical base	Isocyanate	Polyol
Color (CQP001-1)	Black	White
Density	1.28 kg/l	1.23 kg/l
Mixing ratio	by volume 1 : 1	
Non-sag properties	Good	
Application temperature	10 – 30 °C	
Working time	3.5 minutes <sup>A</sup>	
Mixer open time	1.5 minutes <sup>A</sup>	
Sanding time	30 minutes <sup>A</sup>	
Shore D hardness (ASTM D-2240)	69	
Tensile strength (ISO 527)	26 MPa	
Elongation at break (ISO 527)	65 %	
Shelf life	24 months <sup>B</sup>	

CQP = Corporate Quality Procedure

<sup>A)</sup> 23 °C / 50 % r.h.<sup>B)</sup> stored between 5 – 25 °C**DESCRIPTION**

SikaPower®-2950 is a 2-component polyurethane adhesive with very good adhesion properties.

It is specifically designed for plastic repair work on bumpers and other plastic parts.

**PRODUCT BENEFITS**

- Good adhesion on various plastics used in Automotive
- Fast curing
- No running or dripping
- Accelerated curing with heat
- Very good sanding ability

**AREAS OF APPLICATION**

SikaPower®-2950 is suitable for plastic repair work such as patch repair, clip bonding and reshaping.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

## CURE MECHANISM

The curing of SikaPower®-2950 takes place by chemical reaction of the two components. It cures at ambient temperature. The curing speed can be accelerated by temperature (max. up to 60 °C) using infrared lamps or ovens. If accelerated curing is required, the possible influence on the substrate must be taken into account.

## METHOD OF APPLICATION

### Surface Preparation

Abrade surfaces with 80 – 180 grit sanding paper. Clean and degrease the surfaces before applying SikaPower®-2900 Primer. Additional surface treatment depends on the specific nature of the substrates.

### Application

Detailed work instruction "Aftermarket-Bonding-Plastic-Parts" for plastic repair jobs can be found online in the downloads section.

The below information is offered for general guidance only. Advice on specific applications will be given on request.

SikaPower®-2950 has to be processed between 10 °C and 30 °C (product, ambient, and substrate temperature).

Extrude adhesive without mixer to equalize the filling levels, attach the mixer and dispose of the first few cm of the bead.

Dispense SikaPower®-2950 with adequate piston guns. In order to achieve a proper mixing, Mixer Tips for SikaPower®-2900 Series (part of packaging and sold separately) are required.

After dispensing, leave the mixer on the cart-ridge till the adhesive is used again. The remainder of the adhesive will have a shelf life of several weeks if stored properly.

To start using SikaPower®-2950 again, remove the static mixer and carefully clean the cart-ridge outlet. Afterwards, connect a new mixer and start dispensing as described above.

Sika Contouring and Reinforcement films are available for reshaping and modeling tasks.

### Removal

Uncured SikaPower®-2950 may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once cured, the material can only be removed mechanically.

Hands and exposed skin have to be washed immediately using hand wipes such as Sika® Cleaner-350H or a suitable industrial hand cleaner and water.

Do not use solvents on skin.

### STORAGE CONDITIONS

SikaPower®-2950 has to be kept between 5 °C and 25 °C in a dry place. Do not expose it to direct sunlight or frost.

### 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.

Copies of the following publications are available on request:

- Safety Data Sheets
- Plastic Repair Guides
- Aftermarket-Bonding-Plastic-Parts

### PACKAGING INFORMATION

Dual cartridge	50 ml
Mixer: Sika Mixer Quadro 83 mm	

## 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

The information, and, in particular, the recommendations relating to the application and enduse 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 written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. 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.

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