

SikaPower®-2950

Fast Plastic Adhesive

Typical Product Data

Properties	SikaPower-2950 A	SikaPower-2950 B
Chemical base	Isocyanate	Polyol
Colour (CQP ¹ 001-1)	Black	White
Density (CQP 006-4)	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 ²	3.5 minutes	
Mixer open time ²	1.5 minutes	
Sanding time ²	30 minutes	
Shore D hardness (ASTM D-2240 / EN ISO 868)	69	
Tensile strength (EN ISO 527)	26 MPa	
Elongation at break (EN ISO 527)	65 %	
Shelf life (storage between 5 – 25 °C) (CQP 016-1)	24 months	

¹⁾ CQP = Corporate Quality Procedure

²⁾ 23 °C / 50 % r.h.

Description

SikaPower®-2950 is a two-component polyurethane adhesive with excellent adhesion properties. It is specifically designed for plastic repair work on bumpers and other plastic parts.

Product Benefits

- Good adhesion to a wide variety of substrates
- Fast curing
- No running or dripping
- Accelerated curing with heat
- Excellent sand 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 professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Industry



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, e. g. 10 °C higher temperatures would result in approx. doubling the curing speed and cutting in half the open time.

Method of Application

Plastic Repair

Detailed work instruction for plastic repair can be found in the Plastic Repair Guide.

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

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.

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.

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

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

Removal

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

Hands and exposed skin should be washed immediately using Sika® Handclean towel or a suitable industrial hand cleaner. Do not use solvents on skin!

Further Information

Copies of the following publications are available on request:

- Safety Data Sheet
- Plastic Repair Guide

Packaging Information

Dual cartridge	50 ml
----------------	-------

Basis of Product Data

All technical data stated in this Product Data Sheet 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 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 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.

Further information available at:
www.sika.co.uk

Sika Limited
Industry / Sealing & Bonding
Watchmead
Welwyn Garden City
Herts.
AL7 1BQ
Tel. +44 (0)1707 394444

