

Sika® Contact-4600 AU

Fast contact adhesive

Technical Product Data:

Chemical Base	1C polychloroprene
Colour	Yellow
Solid content	19% approx.
Density	0.82 kg/l approx.
Viscosity, 21°C (Rheolab MC-1, Z2-100)	260 mPa.s approx.
Method of application	Both sides, fitting dry
Coverage	100-150 g/m ² approx., wet
Application process	Spray, brush or tooth-comb
Dry time	3-5min. approx.
Shelf life (storage below 25°C)	12 months

Description:

Sika Contact-4600 AU is a sprayable contact adhesive that has been formulated to meet varied needs for laminate fabrication. This adhesive gives fast drying time, and a strong heat resistant and water resistant bond.

Product benefits:

- 1C adhesive
- Very short flash-off time
- High initial strength
- Easy to apply
- Resistant against aging
- Broad adhesion range

Areas of application:

Sika Contact-4600 AU has a very broad adhesion range and gives an elastic, strong and lasting bond. Suitable substrates are wood, rubber sheets and metal sheets.

In the production of transport vehicles Sika Contact-4600 AU is suitable for the room temperature contact bonding of different covering materials e.g. PUR foams, textiles and for adjoining steps, wheel arches, seat brackets and side walls, especially for covering materials with high spring-back forces, like cover trims and edging profiles.

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

Industry



Cure mechanism:

Sika Contact-4600 AU cures primarily due to the evaporation of the solvent. At elevated temperatures the chemical curing is significantly quicker.

Chemical resistance:

Sika Contact-4600 AU is resistant to water, limewater, temporarily resistant to weak acids and caustic solutions, fuels, mineral oils, vegetable and animal fats and oils, not resistant to organic acids, alcohol, concentrated mineral acids and caustic solutions and paint thinners.

These are only general indications. In case of expected chemical or thermal exposure, we recommend a project related testing or refer to the Industry Technical Service Representative.

Method of application:*Surface preparation*

The adhesion surfaces must be clean, dry and free of oils and fats.

Application

The adhesive generally is applied with suitable roll-coater, tooth- comb, brush or spray gun. Both surfaces are coated.

Wait until touch dry (normally 3-5min) depending on drying conditions, then bring the materials together with strong even pressure. Care must be taken to avoid the formation of adhesive pools on the bonding surfaces. Entrapped solvent causes weak bond.

Once the container is opened, the material must be used up in a short time.

The processing temperature must be at least 5°C and less than 35°C. Optimal temperature range is 15°C to 25°C.

Removal

Uncured Sika Contact-4600AU 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 should be washed immediately using Sika® Handclean towel or a suitable industrial hand cleaner and water. Do not use solvents.

Further Information:

Copies of the following publications are available on request:

- Material Safety Data Sheet

Packaging Information:

Can	500 ml
	1 Litre
	4 Litre
Pail	20 Litre

Important

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheet containing physical, ecological and other safety related data.

Note:

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 Australian version of the Product Data Sheet for the product concerned, copies of which will be supplied on request.

