



PRODUCT DATA SHEET

SikaBond®-182 PU Express Montage Adhesive

Polyurethane Montage Adhesive

DESCRIPTION

SikaBond®-182 PU Express Montage Adhesive is one component, moisture curing polyurethane based adhesive. It combines high bond strength with fast curing.

USES

- It joins materials without mechanical fixing such as nails and screws.
- Bonding wood surfaces in bathrooms, kitchens, decks, etc. where there is a constant risk of moisture and contact with water.
- It can be used for bonding various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite

and ceramic etc.

FEATURES

- Fast curing with short press time
- Water resistant
- Excellent resistance to moisture and weather conditions.
- Bonding to wooden substrates
- Non-sag
- Very good resistance to chemicals
- Low odor

CERTIFICATES AND TEST REPORTS

- D4 classification according to DIN EN 204
- Tested according to DIN EN 14257 (WATT 91)

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Kasim 2024, Version 01.02

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PRODUCT INFORMATION

Composition	Polyurethane
Packaging	330 g/290 ml (12 cartridges per box)
Colour	Transparent
Shelf life	12 months from date of production
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +25°C. Always refer to packaging.
Density	1.13 g/ml

TECHNICAL INFORMATION

Temperature resistance	-20°C to +80°C
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APPLICATION INFORMATION

Consumption	~150 g/m ²
Ambient air temperature	+5 °C to +35 °C, min. +3 °C above dew point temperature.
Substrate temperature	+5°C to +35°C
Tack free time	5-10 min. (at 23°C and %50 R.H.)
Pressing time	15 – 20 min. Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS OF USE

Contains Diphenylmethane-4,4 di-isocyanate. Corrosive and irritating to eyes, skin and lungs. Harmful if swallowed. Wear chemical resistant gloves and eye protection when in contact. Keep container tightly closed when not in use. Prevent spillage.

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BUILDING TRUST



ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety related data.

APPLICATION INSTRUCTIONS

MIXING

Ready to use with one component

APPLICATION METHOD / TOOLS

- The substrate must be dry, clean and free from dust and grease.
- The application temperature should be between 5°C and 35°C.
- Adhesion is improved by slightly moistening the substrate.
- SikaBond®-182 PU can be squeezed out with a cartridge gun.
- Adhesive should be applied in a line on one side only within 2 minutes.
- Mechanical fasteners must be used to hold the materials together (15-20 min.) until the adhesive has fully cured.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 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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