

PRODUCT DATA SHEET

SikaBond®-545

1-COMPONENT POLYURETHANE ADHESIVE CLASS D4

DESCRIPTION

Solvent-free, moisture curing polyurethane adhesive. The adhesive hardens with the use of both air and the materials moisture. An amount of foam will occur that will fill in non-flat surfaces and gives a good penetration to materials with cell structure.

USES

Simple adhesive for bonding wood to wood, concrete, steel, aluminum, etc.

CHARACTERISTICS / ADVANTAGES

- High moisture resistance
- Can be used on wood with high moisture content
- Can be used on various substrates
- Good gap-filling and good penetration
- High solid content

PRODUCT INFORMATION

Composition	Polyurethane
Packaging	250 ml and 750 ml Please contact our customer service, for information of what packaging sizes are sold in Denmark.
Colour	Brown yellow
Shelf life	SikaBond®-545 can be stored for a minimum of 12 months if storage conditions are met.
Storage conditions	SikaBond®-545 should be stored in a cool and dry place
Density	1160±10 kg/m ³
Consistency	Thin
Service Temperature	-30°C to +90°C
Resistance to moisture	D4 according to EN204, water resistant and for outdoors usage

APPLICATION INFORMATION

Consumption	Approx. 80-300 g/m ² depending on on material.
Ambient Air Temperature	Between +5°C and +25°C
Open Time	Approx. 1 hour (+20°C, 65% r.h.)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surface of the materials should be free from oil and grease. smooth surfaces should be sanded, i.e. fiberglass reinforced polyester, aluminum etc. Pourus sunstrates assists in shortening the hardening time. The hardening time will increase at low humidity levels. Through a custom humidifying of the materials the hardening times might get shortened.

APPLICATION METHOD / TOOLS

Apply the adhesive to one of the materials, press both the materials together and hold them fixed until the hardening is complete. Hardening varies with both the air and the materials humidity levels or with added humidity and heating and will vary between 30 minutes and 24 hours.

CLEANING OF EQUIPMENT

Non-hardened adhesive can be removed with acetone. Hardened adhesive can only be removed mechanically.

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

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Sika Danmark A/S
Hirsemarken 5
3520 Farum
Tlf. +45 48 18 85 85
www.sika.dk



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