BUILDING TRUST

PRODUCT DATA SHEET

SikaBond®-105 ContactFix

HIGH STRENGTH PREMIUM CONTACT ADHESIVE

DESCRIPTION

SikaBond®-105 ContactFix is a premium contact adhesive that has been formulated to meet varied needs for lamination and fabrication. SikaBond®-105 ContactFix is fast drying and forms a strong bond that is heat and water resistant.

USES

SikaBond®-105 ContactFix has a very broad adhesion range and forms a strong and lasting bond. Suitable substrates are timber, rubber sheets, plastic laminates, fabric, cloth backed and polyester backed vinyl, MDF, particleboard, concrete, glass and metal sheets. In the production of transport vehicles SikaBond®-105 ContactFix is suitable for room temperature contact bonding of different covering materials e.g. PUR foams, textiles, adjoining steps, wheel arches, seat brackets and side walls, especially for covering materials with high spring-back forces, cover trims and edging profiles. SikaBond®-105 ContactFix is also suitable for auto upholstery and furniture upholstery. Test with actual substrates and conditions to ensure adhesion and material compatibility.

FEATURES

- One-component adhesive
- Short flash-off time
- High initial strength
- Easy to apply
- Resistant to ageging
- High heat resistance
- Broad adhesion range
- Fast dry time

PRODUCT INFORMATION

Composition	One-component polychloroprene
Packaging	500mL, 1L, 4L Can 20L Pail
Colour	Light Amber
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 and out of direct sunlight at temperatures between +5°C and +25°C. Always refer to packaging. Refer to the current Safety Data Sheet for information on safe handling and storage
Density	0.81 kg/l

Consistency	350 mPa.s
Solid content by mass	~17%
Temperature resistance	up to 90°C
Consumption	6 - 8m² / Litre
Tack free time	~ 5-8 minutes

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.

IMPORTANT CONSIDERATIONS

- Do not use in temperatures below +10° C, condensed water may form on adhesive and prevent bonding.
- For best results apply at ambient, material and adhesive temperatures of +20° C.
- Do not apply excessive adhesive, allow adhesive to pool or apply the two substraes together too early. This will cause entrapped solvents which will cause a weak bond or bond failure.
- Coverage rate, flash off time, open time and press time are dependant on the type of materials to be bonded and ambient temperature and humidity.
- Adhesion tests on specific substrates must be performed prior to use.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The adhesion surfaces must be sound, clean, dry and free of all contaminants such as dirt, oil, grease, poorly bonded coatings, loose and friable materials.

APPLICATION METHOD / TOOLS

The adhesive is generally applied with a suitable roll-coater, tooth-comb, brush or spray gun. Apply to both surfaces evenly, wait until touch dry, normally 5-8 minutes depending on drying conditions, bring the surfaces together, applying even pressure along the entire bonding surface.

Care must be taken to avoid the formation of adhesive pools on the bonding surfaces. Entrapped solvent causes weak bond.For application on open weave or porous materials, spray apply the adhesive to avoid adhesive bleed through the substrate. Once the container is opened, the material must be consumed in a short time.

CLEANING OF EQUIPMENT

Uncured SikaBond®-105 ContactFix may be removed from tools and equipment with Sika® Remover-208, Sika® Colma Cleaner or other suitable solvent. Once cured, hardened material can only be removed mechanically. For cleaning skin use Sika® Cleaner-350H.

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.

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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