Construction

Sika-Trocal® C 733

Contact adhesive for Sika-Trocal® PVC roof waterproofing membranes

Product Description	Solvent containing one-component contact adhesive, based on nitrile rubber
Uses	Bonding of Sika-Trocal® PVC roof waterproofing membranes to substrate at roof edges and junctions
Characteristics / Advantages	■ Adheres to solid, rough and clean surfaces ■ Suitable substrates: - Concrete, lightweight concrete, brick, plaster - Oriented strand boards (OSB), plywood panels - Fibre cement boards - Mineral fibre boards with sufficient compressive strength and appropriate surface for bonding - PUR/PIR insulation boards with lamination (glass or mineral fibre fleece and coated aluminium) - Polyester, hard and soft PVC - Galvanized steel, aluminium, PVC-coated metal sheet ■ Application by brush or roller ■ Final strength depends on climate during application

Tests

Approvals / Standards	■ Quality management system EN ISO 9001/14001

Product Data

Form

Consistency	Liquid
Colour	Yellowish
Packaging	Pail: 5 kg Packing unit: Europallet or single container

Storage

Storage Conditions	Store in dry conditions at temperatures between +5 °C to +30 °C. The contact adhesive is easily inflammable - Note: The safety precautions according to local regulation for storage of hazardous goods containing solvents must be observed.

Shelf-Life	24 months from date of production if stored properly in original, unopened and undamaged, sealed container. Expiry date on container.

Technical Data

Chemical Basis	Nitrile rubber-based solvent-containing one-pack contact adhesive
Density	~ 0.90 kg/l (+20°C)

System Information

Application Details

Consumption	Depending on surface roughness the consumption is approx. 300 g/m^2 – 500 g/m^2.
Substrate Quality	The substrate must offer sufficient strength and adhesion to resist the forces generated by wind suction.
Substrate Preparation	The substrate must be resistant to solvents, firm, clean, dry, free of stripping agents and free of oil and grease. Absorbent substrates can be primed by a diluted coating of adhesive. Pay attention to the open ventilation time.
Compatibility	■ Shall not be used on substrates: - EPS/XPS insulation boards - Copper plate - Bituminous substrates

Installation Instructions

Application Guidline	Based on the valid installation instructions of the relevant roof waterproofing membrane.
Application Method	General information about the adhesive: Sika-Trocal® C 733 must be stirred carefully before use. Keep adhesive container closed whenever adhesive is not being processed to keep workability constant (reduce solvent evaporation). Viscosity of Sika-Trocal® C 733 contact adhesive can be changed and adapted by adding Sika-Trocal® Cleaner L 100. It may be necessary to improve the processing viscosity after longer storage or if container was opened for long application process. Mixing of Sika-Trocal® Cleaner L 100 into the adhesive takes place by carefully stirring small quantities completely into the viscous adhesive liquid. **Bonding procedure:** The adhesive is spread evenly to the substrate using a roller. Do not apply the adhesive to an area greater than can be covered in one day. Allow the adhesive to dry completely. Apply two coats of adhesive on absorbent substrates (the first coat must have dried out completely before the second is applied). Apply the adhesive evenly on the underside of the roof membrane (note: welding seam overlap area must be free of adhesive). Once the adhesive has been allowed to evaporate sufficiently (finger test), install the sheet. The time to be allowed for evaporation depends on the temperature, air humidity, condition of the substrate and quantity of adhesive. Press down firmly using a roller.
Tool Cleaning	Tools and equipment must be cleaned with Sika-Trocal® Cleaner L 100 immediately after use.

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Notes on Installation / Limits	Installation works to be carried out only by Sika instructed contractors for roofing. Temperature limits for the installation of the membrane: Substrate temperature: At least +5 °C Ambient temperature: At least +5 °C Condensation on applied adhesive film will separate the surfaces to be bond. Installation of some ancillary products, e.g. contact adhesives / cleaners is limited to temperatures above +5°C. Please observe information given by Product Data Sheets. Special measures may be compulsory for installation below +5°C ambient temperature due to safety requirements in accordance with national regulations.
Setting	
Setting Time	Ventilation and open time depend on temperature, humidity and quantity applied. If application was done according to advice, full adhesion is achieved right after bonding.
Value Base	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 performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal 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 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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