

# PRODUCT DATA SHEET

## Sika® Trocal C-733

### CONTACT ADHESIVE FOR SIKAPLAN® PVC ROOF WATERPROOFING MEMBRANES

#### PRODUCT DESCRIPTION

Sika® Trocal C-733 is a 1-part, nitrile rubber based solvented contact adhesive.

#### USES

Sika® Trocal C-733 installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

- Bonding Sikaplan® PVC roof waterproofing membranes to substrate at roof edges and junctions

#### Bonding 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
- Polyester, hard and soft PVC
- Galvanized steel, aluminium, PVC-coated metal sheet

#### CHARACTERISTICS / ADVANTAGES

- Adheres to solid, rough and clean surfaces
- Application by brush or roller
- Final strength depends on climate during application

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Solvented nitrile rubber	
<b>Packaging</b>	One way container:	5 kg, 20 kg
	Packing unit:	Euro pallet or single container
	Refer to current price list for packaging variations.	
<b>Appearance / Colour</b>	Yellowish	
<b>Shelf Life</b>	24 months from date of production	
<b>Storage Conditions</b>	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.	
<b>Density</b>	~0,90 kg/l (+20 °C)	
<b>Consistency</b>	Liquid	

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## SYSTEM INFORMATION

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<b>Compatibility</b>	Shall not be used on substrates: <ul style="list-style-type: none"><li>▪ EPS/XPS insulation boards</li><li>▪ Copper plate</li><li>▪ Bituminous substrates</li></ul> These materials could adversely affect the product properties.
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## APPLICATION INFORMATION

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<b>Consumption</b>	~300–500 g/m <sup>2</sup> Consumption depends on the roughness and absorbency of the substrate. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
<b>Ambient Air Temperature</b>	+5 °C min
<b>Substrate Temperature</b>	+5 °C min
<b>Setting Time</b>	Full adhesion is generally achieved immediately after bonding. This can be affected by ambient conditions.

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## APPLICATION INSTRUCTIONS

### 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 and must be firm, clean, dry, free from oil, grease dust, stripping agents and loose friable particles. Absorbent substrates can be primed by diluting the adhesive.

### APPLICATION

Reference must be made to further documentation of the relevant roof waterproofing membrane where applicable, such as relevant method statement, application manual and installation or working instructions.

### General adhesive information

Sika-Trocal® C 733 must be stirred carefully before use. Keep adhesive container closed whenever adhesive is not being used to keep workability consistent (to reduce solvent evaporation).

Viscosity of the Sika-Trocal® C 733 contact adhesive can be changed and adapted by adding Sika-Trocal® Cleaner L 100. It may be necessary to modify the viscosity after prolonged storage or if container was opened for long periods of time. Mix Sika-Trocal® Cleaner L 100 into the adhesive by carefully stirring small quantities into the adhesive to achieve the desired viscosity.

### Bonding procedure

The adhesive is spread evenly onto 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 2 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), apply the membrane onto the substrate adhesive. Press down firmly on the membrane using a roller.

### CLEANING OF TOOLS

Clean all tools and application equipment with Sika-Trocal® Cleaner L 100 immediately after use. Hardened material can only be removed mechanically.

### LIMITATIONS

- Condensation on applied adhesive film will cause the membrane surfaces to separate.
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- Special measures may be compulsory for installation below +5°C ambient temperature due to safety requirements in accordance with national regulations.

### VALUE BASE

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

### 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 the exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling.

Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## 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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