

Sarnacol T 660

Adhesive for Sarnafil® TG 66, Sarnafil® TS 77 roof waterproofing membranes and Sarnafil® TU sub-roof membranes

Construction

Description	Butyl rubber-based one-pack contact adhesive	
Uses	Sarnacol® T 660 is a contact adhesive to bond Sarnafil® TG 66-type, Sarnafil® TS 77-type and Sarnafil® TU-type membranes in perimeter and flashing areas	
Characteristics / Advantages	<p>Adheres to solid, rough and clean surfaces</p> <ul style="list-style-type: none"> • Suitable substrates: <ul style="list-style-type: none"> - Concrete, lightweight concrete, brick, plaster - Oriented strand fibre (OSB) boards, plywood panels - Fibre cement boards - Aged bitumen - Mineral fibre boards with at least 150 kg/m³ compression - PUR/PIR insulation boards with lamination (glass or mineral fibre fleece) - Polyester (thermal activation required), hard PVC - Galvanized steel, aluminium, nickel chromium steel • Application: by brush or roller 	
Tests		
Approvals / Standards	Quality management system EN ISO 9001	
Product Data		
Form		
Consistency	Liquid	
Colour	Yellow	
Packaging	One way container:	18.0 kg, 5.0 kg
	Packing unit:	Europallet or single container
Storage		
Storage Conditions	Store in dry conditions at temperatures between +5 °C to +30 °C	
Shelf-Life	15 months from date of production if stored properly in original, unopened and undamaged sealed container. Expiry date on container.	
Technical Data		
Chemical Basis	Butyl rubber-based solvent-containing one-pack contact adhesive	
Density	~ 0.80 kg/l (+20 °C)	



System Information

Application Details

Consumption	Consumption depends on the roughness and absorbency of the substrate and ranges from 300 g/m ² - 500 g/m ² on closed substrates to 1000 g/m ² on very absorbent substrates.
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 solvent, firm, clean, dry, free of stripping agents and free of oil and grease. Sheet metal must be cleaned with Solvent T 660 before adhesive is applied.
Compatibility	Unsuitable substrates: - EPS/XPS insulation boards - Copper plate

Installation Instructions

Application Guideline	Based on the valid installation instructions of the relevant roof waterproofing membrane.
Application Method	<p>General information about the adhesive: Sarnacol® T 660 must be stirred well and carefully before use. Close the container if work is stopped for a long period. Sarnacol® T 660 can be diluted with Solvent T 660 to adjust fluidity. Use Solvent T 660 to remove adhesive residues on the roof membrane.</p> <p>General principles for bonding (contact bonding): The adhesive is spread evenly to the substrate, preferably 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. The minimum evaporation time is 2 hours, the maximum 10 hours. Apply two coats of adhesive on absorbent substrates (the first coat must have dried out completely before the second is applied).</p> <p>Apply the adhesive evenly on the underside of the roof membrane, preferably using a roller (welding seam overlap area must be free of adhesive). Once the adhesive has been allowed to evaporate sufficiently (finger test after approx. 30 minutes), position the roof membrane, straighten it, bond it and press it down well with a roller.</p> <p>The time to be allowed for evaporation depends on the temperature, air humidity, condition of the substrate and quantity of adhesive.</p> <p>Heat activation: After bonding, the adhesion is generally improved by warming up the roof membrane. Therefore the roof membrane is heated externally by means of a heat source (Sarnafil heat gun) and pressed down immediately using a roller. Avoid any glossing on the roof membrane, particularly in the area of the welding seam overlap.</p>
Tool Cleaning	Tools and equipment must be cleaned with Solvent T 660 immediately after use.



**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
 Installation of some ancillary products, e.g. contact adhesives / cleaners is limited to temperatures above +5 °C. Please observe information given by Technical Data Sheets.
 Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations

For information on safe handling, storage and disposal refer to the most recent Material Safety Data Sheet.

Setting Time

The strength required for the intended stress is achieved immediately.
 Final strength is achieved after approx. 1 week and depends on the temperature and humidity.

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

