

PRODUCT DATA SHEET

Sarnafil® T RCS Set complete

FLASHING AND CONTACT PLATE SET

DESCRIPTION

The Sarnafil® T RCS Set complete (Roof Control System) contains contact plates and the associated flashing components.

USES

Sarnafil® T RCS Set complete may only be used by experienced professionals.

- Facilitates ILD® vector mapping leak detection above thermal insulation
- On Sarnafil® or Sikaplan® roofing membranes

CHARACTERISTICS / ADVANTAGES

- Maintains waterproofing of roof system
- Ease of application
- Ease of access for ILD testing



PRODUCT INFORMATION

Composition	Cable access duct with base plate	Polypropylene (PP)
	Cap	EPDM
	Thermal insulation plug	Expanded polystyrene (EPS)
	Sarnafil® T Pipe flashing	Polypropylene (PP)
	RCS contact plate	Stainless steel (1,4301)
Packaging	1	2 pcs. RCS Cable access duct with base plate
	2	2 pcs. Insulating plug with cap incl. clamp fitting
	3	2 pcs. Sarnafil® T Pipe flashing 125
	4	2 pcs. RCS contact plate with 1m connection cable
	5	1 roll Sarnatape 60 adhesive tape



Appearance / Colour	Colours:	
	RCS Cable access duct with base plate	Black
	Cap with insulation plug	Black/white
	Sarnafil® Pipe flashing	Beige and ~RAL 7040

Shelf life	5 years from date of production
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Storage conditions	The products 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
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Unit weight	5,5 kg (All components)
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SYSTEMS

System Structure	Ancillary products: <ul style="list-style-type: none"> ▪ Sika® RCS Glass Fleece graphite 2,00 × 50,00 m ▪ All types of Sarnafil® T and Sikaplan® T Roofing membranes
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APPLICATION INFORMATION

Ambient Air Temperature	-20 °C min. / +60 °C max.
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Substrate Temperature	-30 °C min. / +60 °C max.
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APPLICATION INSTRUCTIONS

APPLICATION

Installation procedure

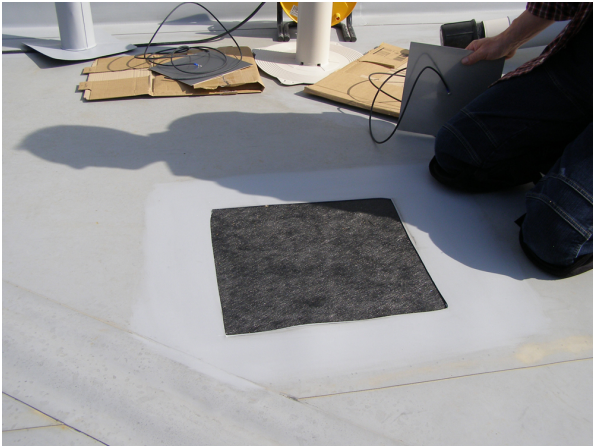
Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

Fixing method - General

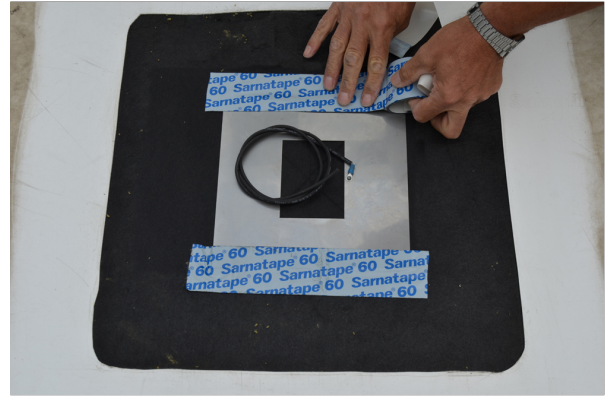
1. Application of roofing membrane above the Sika RCS Glass Fleece



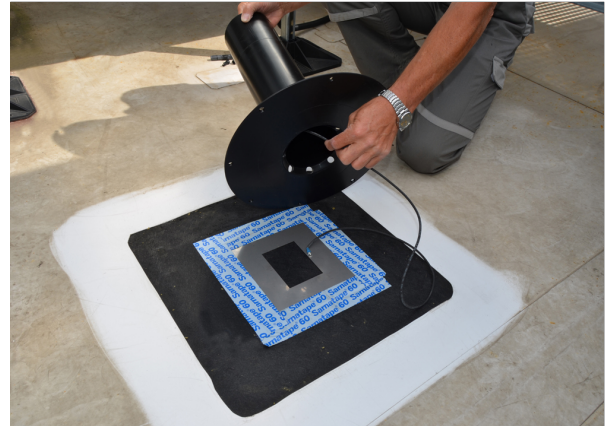
2. Section of main roof membrane removed to expose glass fleece in preparation for fixing RCS contact plate



3. RCS contact plate fixed with Sarnatape 60



4. Insert RCS connection cable into RCS Cable access duct with baseplate from the bottom of the duct



5. Fix the RCS Cable access duct with base plate to the structural substrate. Cover the fastener heads with a piece of membrane



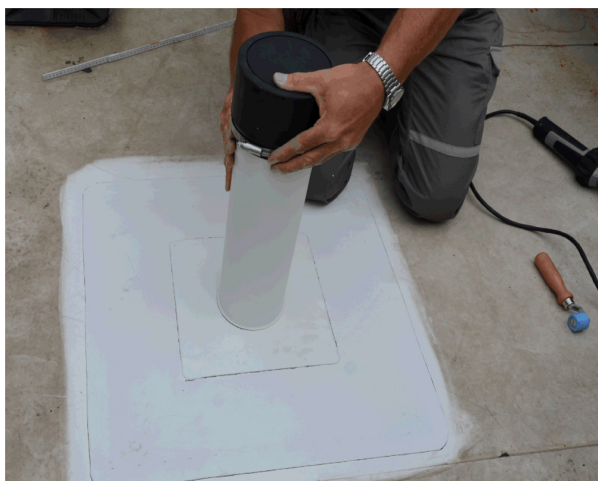
6. Flashing membrane hot air welded to the main roofing membrane



7. Application of pipe flashing



8. Finished installation of Sarnafil® T RCS Set complete



Positioning

The RCS Contact Plates are generally positioned in opposite corners and set back from all perimeter details, roof light and ventilator upstands, roof drains, soil pipe vents, or at any other penetration or upstand details on the roof area. There must be safe access to allow testing. With larger individual roofs over 1500 m², additional contact plates will be required.

Fixing

1. The specified Sarnafil® or Sikaplan® roofing membrane is installed directly onto the already applied Sika® RCS Glass Fleece in accordance with the relevant Sika® Method Statements.
2. A 350 × 350 mm section of the main roof membrane is removed at the agreed positions to expose the glass fleece in preparation for fixing the RCS Contact Plate.
3. Place an RCS Contact Plate onto the exposed glass fleece. Secure with the supplied Sarnatape 60 adhesive tape.
4. Insert RCS connection cable into the black RCS Cable Access Duct with baseplate from the bottom of the duct.
5. Fix the RCS Cable Access Duct with fasteners (not supplied) through the baseplate into the structural substrate, either through the pre drilled holes or drilled as required. Hot weld a piece of membrane over each of the fastener heads.
6. A piece of flashing membrane, with a hole cut for the RCS Cable Access Duct is welded to the roofing membrane ready to receive the prefabricated Sarnafil T Pipe flashing 125.
7. The Sarnafil T Pipe flashing is welded to the flashing membrane and must be tightened at the top of the RCS Cable Access Duct to allow the black weathering cap to fit.
8. The insulation plug is installed into the RCS Cable Access Duct and the black weathering cap is then placed on top of the plug and secured with a clamp (jubilee clip).

IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

- The use of Sarnafil® T RCS Set complete membrane is limited to geographical locations with average monthly minimum temperatures of -40 °C. Permanent ambient temperature during use is limited to +50 °C.
- 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.
- Roof design for the correct arrangement of the RCS Contact plates and initiation of the system is performed by the ILD® (International Leak Detection)

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 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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).

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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