

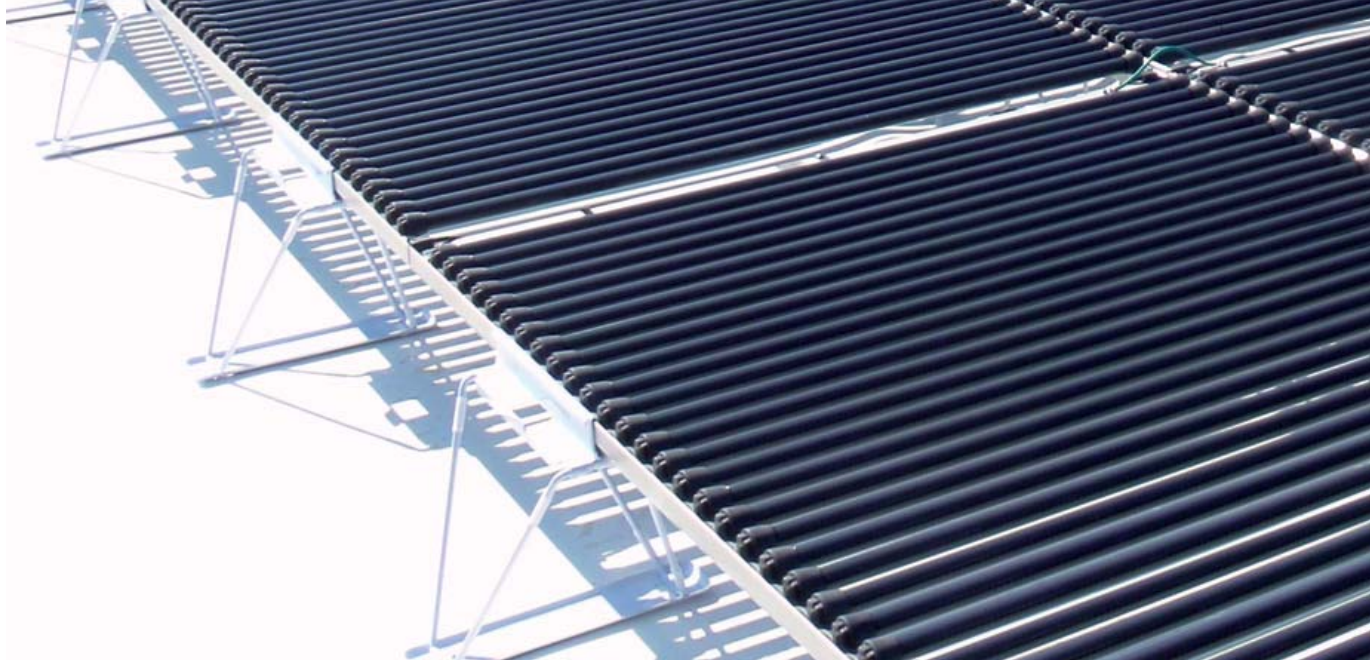
Roofing

solar



Solar Roofing





Sika SolaRoof™

Sika Takes Reflectivity to a New Level – Get Energy Enhancement and a Cool Roof

Sika Solutions

Highly Reflective Sarnafil Single-Ply Membrane increase profits through higher electrical output while also reducing utility cost through a cool roof surface – Sustainability and Profitability go hand in hand.

A system combination – Highly reflective white membrane with a solar system – provides several advantages to the customer:

Benefits:

- Easy to install reflective membrane to make a black roof white at a fraction of the cost.
- Higher Electrical Output and a faster payback due to the higher reflectivity. This especially affects systems which can convert direct, diffuse and reflected sunlight into electrical energy such as the Solyndra System but also has a positive impact to tilted crystalline solar panels.
- Much lower Heat Island Effect to other buildings and significant lower air cooling energy consumption of the building due to the highly reflective Membrane.
- Low maintenance cost due to low soiling.
- Sarnafil durability and proven product performance and up to 25 year guarantee.

Sika Technology:	Guarantee:	Initial Reflectivity CIGS ¹ :	SRI ² :
Single Ply Membrane; Sika Sarnafil SolaRoof™ T, G/S	up to 25 years	95%	111

¹ Reflectivity according EN 410 in conjunction with CIGS Sensitivity; **CIGS-Reflectance** RAL 9016 SR types (**initial**)

² Solar Reflectance Index (initial); ASTM E medium wind

These Sarnafil membranes are specially developed to be used in combination with a photovoltaic (PV) system which is able to convert not only the direct, but also the diffuse and reflected sunlight into electrical energy such as the Solyndra System. A proven roof system like Sarnafil is very important to meet the performance demand of a solar system over the whole life cycle of 25 years and more.

Sika with its history of 100 years, 50 years in the membrane and 10 years in the PV business follows its commitment concerning sustainability in every kind of activity. Therefore Sika has developed a range of enhanced and highly reflective white Sarnafil FPO and PVC Membranes.





Sika Solar Park Stuttgart, Germany



Sika Solar Park Canton, U.S.A.

Sika Solar Parks – Platform for PV Installations on Flat Roofs

Sika Solar Parks in Stuttgart, Canton and Sarnen are comparative installations for different photovoltaic systems. Solar enthusiasts, architects, roofers and PV installers get the chance to have a look at different possibilities how PV can be installed to membrane-covered flat roofs. Sika therefore demonstrates, based on currently 8 different installations, its Solar competence for all interested parties.



Sika Solar Park Sarnen, Switzerland



Draw on our knowledge and expertise

We offer a comprehensive range of information and support resources for architects, contractors and other specifiers, including:

- Experienced Technical Advisers, who can help you to develop specifications
- Comprehensive technical literature
- Scalable, layered CAD detail drawings thermally modelled by the BRE available to download free online at www.sarnafil.co.uk

We are the complete single ply roofing specialist for:

- Surveys and site inspections
- Specification and design support
- New installations
- Refurbishment
- Solar roofing solutions
- CPD Seminars
- Installer training
- ISO 9000:2000 quality management system
- ISO 14001 environmental management system

The Single Ply Roofing Association (SPRA) represents membrane manufacturers, associated component manufacturers and specialist sub contractors and aims, through a quality assured partnership, to ensure the delivery of best value single ply roofing systems.

By specifying products and specialist installation by SPRA Manufacturer, Associate and Contractor members you can be assured that all parties meet strict quality criteria. Compliance with these criteria and with the Code of Conduct is assessed at application, by annual audit and by random spot checks.

For further information, and to obtain copies of the SPRA Design Guide and other documents, go to www.spra.co.uk or call 0115 914 4445.



For further information about Sarnafil products and our range of services, please call us on 01603 748985 or visit www.sarnafil.co.uk.

To the best of our knowledge all information contained in this brochure was correct at the time of issue. Printed on paper from sustainable forests.



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