



# ROOFING

## Sika SolaRoof<sup>®</sup> System

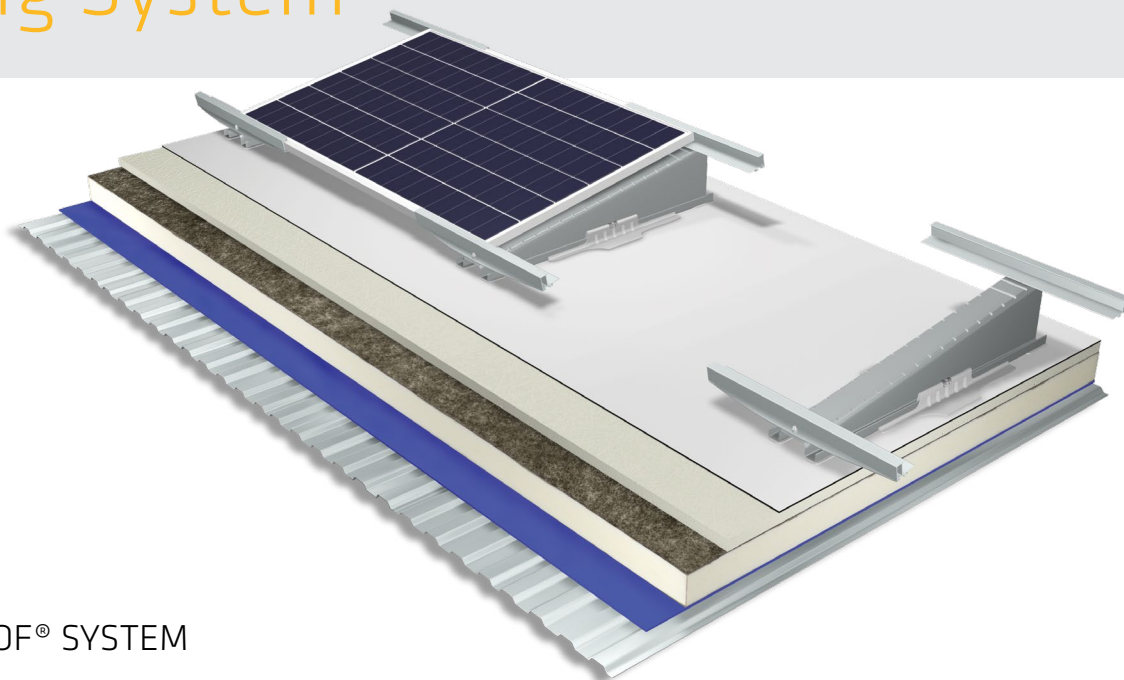
THE FIRST FM APPROVED, SINGLE-PLY COMMERCIAL SOLAR SYSTEM

**Sarnafil<sup>®</sup>** | **Sikaplan<sup>®</sup>**

**BUILDING TRUST**



# Going Beyond the Expected Solar Racking System



## SIKA SOLAROOF® SYSTEM

**Industry's first FM approved solar roof system** The Sika SolaRoof® System is a groundbreaking solar solution that combines the proven performance of Sarnafil and Sikaplan PVC roof assemblies with the industry's most innovative PV racking system. The Sika SolaRoof® System is engineered to be durable and aerodynamic for the installation of rigid PV panels on low slope Sika® PVC roofs.

Sika's PVC roof assembly and racking system (Sika SolaRoof®) are sold together as a complete system on low-slope construction projects. The PV racking system is not to be used with any other commercial roofing assembly other than a Sika PVC roof assembly. The system also offers the only single-source warranty for both the roof assembly and the racking system up to 20 years.



## SIKA SOLAROOF® ADVANTAGES



FM APPROVED\*



UL APPROVAL\*\*



PROVEN SIKA PVC MEMBRANE



NO ROOF DECK ATTACHMENT PENETRATIONS



LIGHTWEIGHT, NON-BALLASTED CONFIGURATIONS



COST-EFFECTIVE



NO SLIP SHEETS REQUIRED



NO LATERAL MOVEMENT



AERODYNAMIC 7 DEGREE ANGLE



EAST/WEST AND SOUTH FACING CONFIGURATIONS



QUICK AND EASY INSTALLATION



SINGLE-SOURCE 20-YEAR WARRANTY\*\*\*

\*FM 4478

\*\*UL 2703

\*\*\*covers both the Sika PVC roofing assembly and the PV racking system.



## HOT-AIR WELDING MAKES THE DIFFERENCE

Attaching the PV racking system to the new Sika PVC roof assembly requires no penetrations! Unlike other solar systems that secure through the roof deck into the structure or use heavy ballast to keep the system from moving, the Sika SolaRoof uses PVC injection molded “clicks” that are made from the same formulation as the membrane to eliminate compatibility issues. Just attach them to the sides of the steel mount and use hot air welding to fuse them to the Sika PVC roof membrane. No leaks from screw penetrations or mount shifting in heavy winds.



## MULTIPLE ROOF TOP CONFIGURATIONS

The Sika SolaRoof provides more than one way to configure the panels on your roof. Both south and east/west facing configurations available to capture maximum solar rays. Both options are available on most projects, use the same components, and are covered under a single-source warranty of up to 20 years.



## TWO LEADERS ARE BETTER THAN ONE

Solar installers unknowingly have been voiding the building owner's roofing warranty when installing the solar panels leaving the building owner on the hook when there is a leak or a premature roof failure! Selecting the right partner is essential for a successful, sustainable, and water-tight investment in rooftop photovoltaic installation. Extensive experience in the installation of roofing membranes, proven expertise in PV installation, and a long-lasting roofing membrane make the Sika SolaRoof the right choice when long-term solutions are what you desire.

Unlike most rooftop solar installations where the roofing manufacturer and the solar installer aren't in communication with each other, The Sika SolaRoof was designed by Sika (roofing manufacturer) and Centroplan (solar installer) and the building owners are the ones who benefit!

Founded in 2007, Centroplan specializes in medium to large-scale commercial photovoltaic solar power systems for rooftop installations. An experienced team of engineers, business economists, and project managers can handle as many phases of the photovoltaic project that a building owner needs (project concept and development, project financing, design & engineering, procurement & installation, operation & maintenance). By coordinating the roofing system installation, solar project partners, and suppliers, Sika and Centroplan provide the highest-quality photovoltaic system with a single-source warranty.





# Sika SolaRoof® IS THE COMPLETE PV SOLUTION

## A TRADITIONAL RACKING SYSTEM IS:

**Hazardous:** without proper testing and certification, a traditional solar system can contribute to the spread of a roof fire

**Piecemeal:** roofing assembly and PV racking system sold separately

**Risky:** many racking systems require penetrating the roofing assembly for securement risking water infiltration

**Damaging:** many traditional racking systems have the potential to cause rooftop damage due to lateral movement

**Heavy:** traditional systems that use ballast for securement increase the load on the roof

**Unstable:** potential for compatibility issues between racking system components and roofing membrane

**Complicated:** separate warranties (from separate companies) for the roofing assembly and the racking system

## Sika SolaRoof IS:

**Safe:** third party approval and certification from FM Global assures building owners that it is tested and approved for fire and wind

**Comprehensive:** Sarnafil roof assembly and PV racking system are sold together as one integrated system

**Monolithic:** thanks to the “click” being hot air welded to the membrane, there are no penetration leakage points

**Secure:** the PV racking system is attached directly to the roofing membrane, eliminating the potential for lateral movement and damage

**Lightweight:** non-ballasted configurations make the system ideal for lightweight roof structures

**Trustworthy:** incorporates the proven performance of Sarnafil roof assemblies with the innovative PV racking system for long-term performance

**Simple:** the entire Sika SolaRoof System offers Sika’s single-source warranty of up to 20 years covering the entire roof system and PV racking system

## BUILDING TRUST, EVERY DAY

With over 100 years of experience, Sika is a worldwide innovation and sustainability leader in the development and production of systems and products for construction, as well as the marine, automotive, and renewable energy manufacturing industries. Sika has offices in over 100 countries with over 300 manufacturing facilities and more than 27,000 employees worldwide. With annual sales of 9.5+ billion dollars in 2021, our commitment to quality, innovation, and the environment as well as putting our customer’s needs first, encompasses why Sika is a global leader in our industries. Sika, Building Trust.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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**SIKA CORPORATION • ROOFING**  
 100 Dan Road • Canton, MA 02021 • USA  
 Tel: 866-255-3738 • Fax: 781-828-5365  
[usa.sika.com/sarnafil](http://usa.sika.com/sarnafil)

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