SIKA® INNOVATIVE SOLUTIONS ROOFING

BUILDING TRUST

WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the construction and motor vehicle industries.

100 YEARS OF BUILDING TRUST

Our reputation for quality and reliability is virtually unmatched, and is illustrated through a comprehensive portfolio of problem solving products that have been employed for many years in a diverse range of applications.

COURAGE FOR INNOVATION

Sika's success is based on our long lasting tradition of innovation. We provide intelligent solutions using the most advanced technologies, service and unique expertise. All Sika solutions are designed with our customers' success in mind and we look to build long-lasting and mutually beneficial relationships.

SIKA PRODUCTS

Sika has core competencies in seven (7) different markets: Concrete, Refurbishment, Sealing and Bonding, Waterproofing, Flooring, Roofing and Industry, in both the construction and motor vehicle industries.

SIKA AT A GLANCE

17,000	TEAM MEMBERS
90+	COUNTRIES
160+	FACTORIES WORLDWIDE
8	NEW FACTORIES IN 2014
70	NEW PATENTS IN 2014
3	ACQUISITIONS IN 2014
CHF 5.57 BN	NET SALES IN 2014

SIKA PHILIPPINES: YOUR LOCAL TRUSTED PARTNER

Sika Philippines, Inc. is a proud member of the worldwide Sika Group, which is wholly owned by Sika AG, Switzerland. We have been serving the Philippine market since March 1994.

SIKA ROOFING PRODUCT PROPERTIES

General Product Features:

- About 50 years application record under various climates
- Aging-resistance property proven by projects and artificial weathering test
- Minimum 20 years life expectancy for exposed applications and 50 years life expectancy for unexposed applications
- Low temperature flexibility, no cracks at -30° C
- Root resistant, especially required for roof gardens
- High puncture resistance and high mechanical resistance
- Low shrinkage rate
- Homogeneous quality, no delamination, no capillary effects
- Chemical resistance, resistant to alkali water from concrete
- Good fire resistance
- 2.00m wide, minimum material waste during installation
- Seam integrated through hot air welding
- Good moldability, easily adaptable to complicated flashings and corners
- Easy maintenance with low cost

Special Properties and Application:

S-327 Membrane:

- UV resistant polyester scrim reinforced membrane with lacquer
- High tensile strength and excellent mechanical properties
- Suitable for mechanically fastened Exposed Roof System

G-410 Membrane:

- UV resistant fiber glass reinforced membrane with lacquer
- Good dimension stability and high elongation at break
- Suitable for fully adhered Exposed Roof System

G-476 Membrane:

- Non UV resistant fiber glass reinforced membrane with signal layer
- Root resistant and good elongation at break
- Suitable for loosely laid Protected Roof System, particularly roof gardens

S/G membrane achieves superior long-term performance compared with homogenous membrane.

SIKA ROOFING SYSTEM CONCEPT

Sika Sarnafil puts much emphasis on design and integrates it into a total package of waterproofing systems. To maintain a high design quality, Sika Sarnafil employs professional designers. Under the guidance of Swiss headquarters, Sika Sarnafil develops customized waterproofing system solutions for numerous roofing applications. The roof garden and light weight roofing system offer a complete new design option for the Asian construction market at European standard.

Sika Sarnafil Waterproofing Systems

- Offers tailor-made design of waterproofing system for each project
- Provides system accessories with high quality
- Selects proper and practical material type for different projects
- Uses advanced installation tools to guarantee the reliability of various waterproofing systems
- Offers scientific training and establishes work process for installation team to guarantee a first-class technical level
- Offers site support to guarantee a complete implementation of waterproofing system

- Mechanically Fastened System
- Fully Adhered System
- Pedestrian Roofing (Loosely Laid) System
- Roof Garden (Loosely Laid) System
- Roof Drain
- Penetration

To benefit from all advantages of Sika Sarnafil waterproofing systems, the use of Sika Sarnafil PVC membrane and system accessories is not enough. Installation should also meet Sika Sarnafil installation requirements as installed by a Sika Sarnafil applicator.

Installation features of Sika Sarnafil fully adhered system:

- Special Sika Sarnafil adhesive and low consumption rate
- Tight adhesion fully reflecting the original shape of a building
- Convenient and safe installation, automatic welding machine available

Installation features of Sika Sarnafil mechanically fastened system:

- Little climate influence, quick and reliable installation
- Bearing high strength wind load to guarantee the security of the system
- High quality fasteners applicable to different substrates
- Automatic welding machine available
- Low installation and system cost

Installation features of Sika Sarnafil loosely laid system:

- Cost effective
- Little climate influence, quick and reliable installation
- Proper felt protection measures
- Widely used in protection system such as roof garden, utility deck and basements

Sarnamatic 661–Automatic Welding Machine

Hand Welding Guns and Prefabricated Parts

Details for the Treatment of Outside Corner

Details for the Treatment of Vent Pipes

Accessories

Walkway Pad

Roofing systems are an important consideration when evaluating sustainable construction. Sika manufactures its Sarnafil® systems with an emphasis on protecting natural resources and minimizing the impact on the environment.

The global Sika group closely follows tenets of roofing sustainability established by two respected industry organizations, the International Council for Research and Innovation in Building Construction (CIB) and the International Union of Testing and Research Laboratories (RILEM) (CIBW.83/RILEM166 RMS):

These principles include:

- Minimizing the burden on the environment and being responsible stewards of the Earth`s resources.
- Conserving energy, recognizing the importance of savings benefits and improving the thermal efficiency of roofing systems.
- Extending the life span of roofing systems and realizing the worthiness of seeking long-term performance.

SUSTAINABILITY THAT STARTS WITH PERFORMANCE

Sustainable practices meet the needs of the present with an eye to the needs of future generations. Before the terms "sustainable" and "green" were commonplace, Sarnafil® systems had been performing to the highest stewardship and durability standards, and are still performing after decades of service.

Building owners, designers and contractors involved in the construction of commercial buildings are increasingly aware of the need to invest in "sustainable" building practices – practices that are environmentally responsible and deliver a positive Return on Investment (ROI).

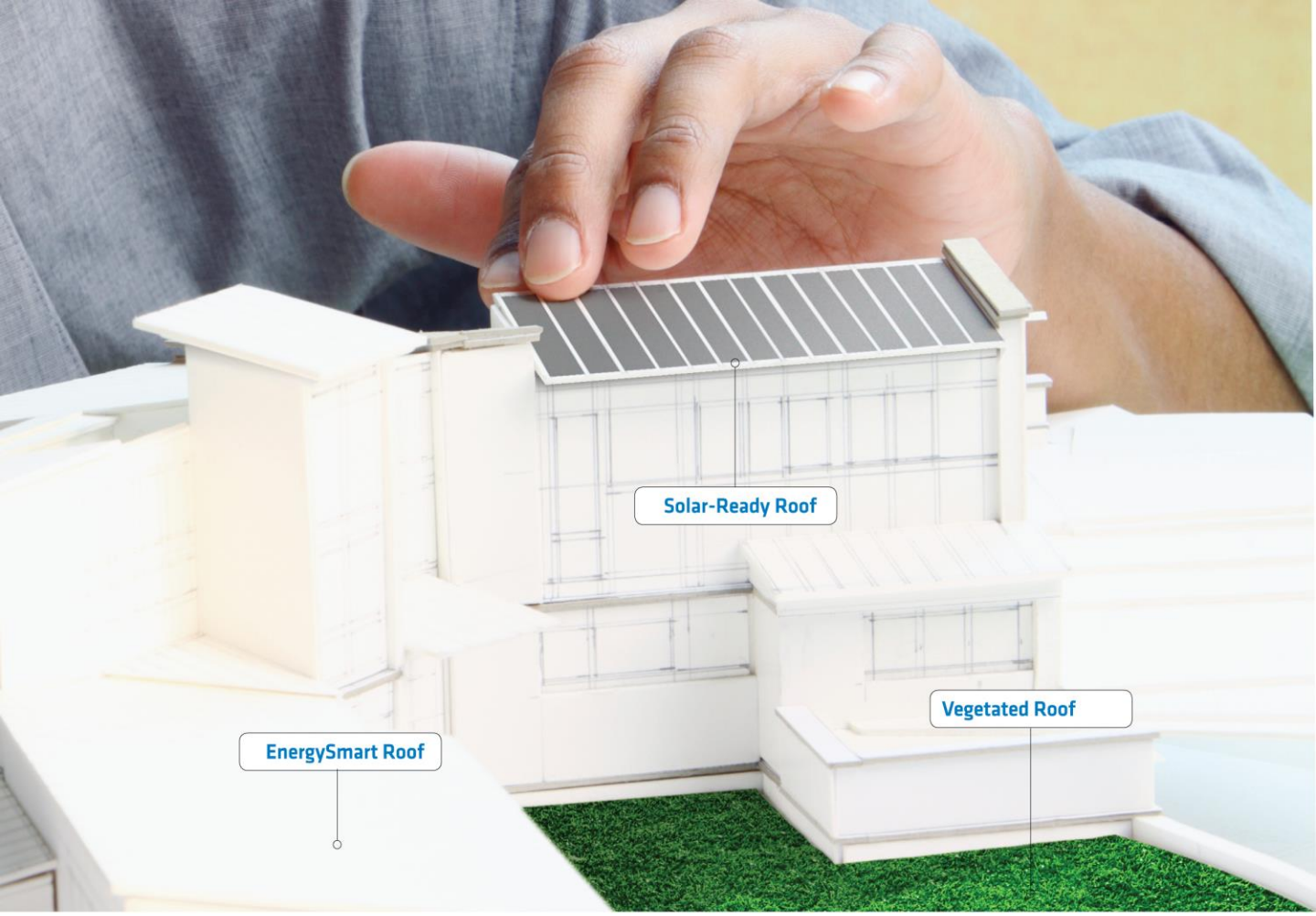
Sika produces innovative, high quality vinyl roofing and waterproofing systems that measurably reduce a building's environmental impact – and more. These energy-efficient, single-ply membranes minimize utility and maintenance costs – and deliver these savings to building owners and operators year after year, with longevity and outstanding system performance measured in decades, rather than years.

The company's reflective EnergySmart Roof and Vegetated Roofs help keep buildings and even the surrounding environment "cooler," thereby lowering power consumption and helping to counter the "urban heat island effect" prevalent in cities across the globe.

Solar-Ready Roofing from Sika provides electrical power that helps offset the cost and carbon generation of traditional grid-supplied power.

Lessened power demands lead to improved air quality and the expenditure of fewer natural resources.

Long-lasting roofs, of course, also need to be replaced less frequently – and thus conserve natural resources while reducing the demands on landfills.



Recycling is one of the best ways to conserve the earth's resources, especially when a roof reaches the end of its useful life. Sarnafil® single-ply roofing membranes were the first to be recycled and, in recent years, more than 20 million pounds of vinyl have been reprocessed into new roofing membrane products. Sika is proud to be able to illustrate projects where the existing roof membrane has been recycled for the reroofing of the same building.

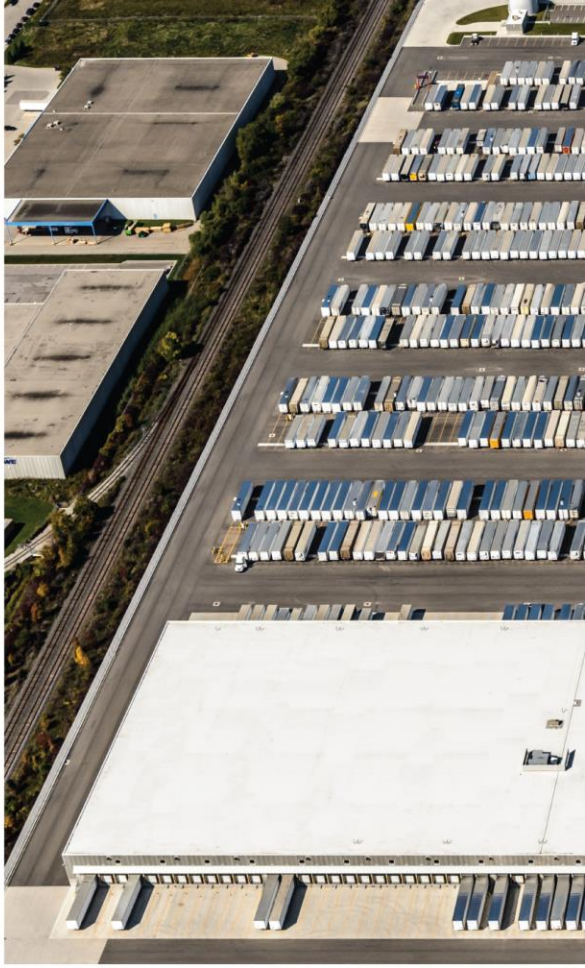
Sika® Sarnafil® systems are proven performers with a 50-year history. Sarnafil® membranes continue to perform after decades of use in a wide range of climates. More than 15 billion square feet of Sika® Sarnafil® membrane is protecting schools, libraries, hospitals, commercial and government buildings, and other high-value institutions around the world. Superior performance with minimal environmental impact – these characteristics are documented via numerous studies and reports from independent institutions, as noted on the following pages.

Discover how Sika is redefining sustainability with environmentally sensitive products that deliver higher ROI while helping you achieve your sustainability goals – energy efficiency, environmentally preferable products, greenhouse gas reduction and waste minimization.

Performance that Pays. Sustainability that's Smart. Sika® Sarnafil® roofing systems.

REACH HIGHER ROI

■ Le Foyer Rousselot, a long term care facility in Montreal, Quebec that is affiliated with the Lucille-Teasdale Health Centre, chose to cover it's unique roof with a combination of G410-15 and G410-20 Sarnafil® EnergySmart Roof membranes.



ENERGY EFFICIENCY

GET ENERGY SMART

An EnergySmart Roof from Sika can reduce your roof temperature by up to 21°C (70°F) and air conditioning energy consumption by up to 20% or more.

Preventing solar radiation from elevating a building's internal temperature is an important strategy in reducing its cooling energy consumption.

Buildings use more than 70% of our nation's electricity, with much of this total expended for cooling.[1] Dark coloured roof surfaces can be up to 21°C (70°F) hotter in the sun than reflective, light coloured surfaces. This variation can have a tremendous impact on building heat gain. Even in colder climates, buildings can benefit from a "cool" roof.

Sika's EnergySmart Roof has a highly reflective, lacquer-coated surface. This system reduces the amount of energy required to maintain comfort in an air-conditioned building by decreasing heat flow through the building envelope. The EnergySmart Roof membrane exceeds the cool roof requirements of LEED® Canada, Canada Green Building Council, California's Building Energy Code (Title 24) and Green Globes™.

"Cool" Roofs in Demand

Reflective roofing technologies are increasingly being included in federal, provincial and local energy codes. These roofs are considered "cool" roofs. The Title 24 building energy code in California requires such roofs for low-slope buildings when the owner or developer is using the program's prescriptive envelope component approach.

[1] 2007 Building Energy Data Book, U.S. DOE

A reflective Sika roofing membrane was selected to cover the 1.3 million square foot Target Distribution Centre in Milton, Ontario

Reflectivity Confirmed
Solar reflectance and thermal emissivity of roof surfaces are combined to calculate the Solar Reflective Index (SRI).

In research conducted by Lawrence Berkeley National Laboratory (LBNL), Sika's EnergySmart Roof system reflected more than 80% of the sun's rays and scored an impressive SRI of 104. This same research showed that dark coloured EPDM roof membranes and dark coloured Built-Up Roofing reflected only about 5% of the sun's rays and had SRI scores close to 0.[2]

The installation of reflective roofing systems is a practical course of action that will help to mitigate systemic increases in urban air temperature and improve air quality. Sika® Sarnafil® roofing systems do just that.

Real World Comparison
In an LBNL study commissioned by the U.S. DOE and the EPA[3], researchers first compared energy consumption in a 100 000 sqare feet Texas facility over a two-year period – with a black rubber EPDM roof in use first and then a Sika® Sarnafil® EnergySmart Roof in place for the following 12 months. The EnergySmart Roof reduced peak summertime air-conditioning demand by 14% and resulted in an estimated saving of $7,200 (7.2 cents per sq. ft. per year, based on 2001 pricing).

Sika offers a variety of energy efficient Sarnafil® roofing solutions - from the reflective EnergySmart Roof to Vegetated Roofs and Solar-Ready Roofing. These Sika® Sarnafil® systems reduce electricity use over time, resulting in a higher ROI for the building owner.

Lawrence Berkeley National Laboratory, Cool Roofing Materials Database
S. Konapacki and H. Akbari, 2001, Lawrence Berkeley National Laboratories, Berkeley CA (Report LBNL47149)

GREENHOUSE GAS REDUCTION

SPECIFY YOUR CARBON FOOTPRINT

Replacing a 940 m^2 (10 000 ft^2) dark-coloured roof with a highly reflective EnergySmart Roof can reduce CO_2 emissions by 100 000 metric kg (100 metric tons).

Air Quality Relief

Reflective roofing surfaces also positively impact air quality. In most geographic areas, an air temperature increase translates into an air quality decrease.

Higher temperatures mean a greater need for air conditioning and increased energy use. As power plants burn more fossil fuels, they generate additional carbon emissions.

Smog results from the photochemical reactions of pollutants in the air, and these reactions are more likely to intensify at higher temperatures.

In some cities, the incidence of smog increases 3% for every one degree the temperature rises above 21°C (70°F).

Highly reflective roofs help to lower temperatures and thus minimize this condition. Reflective roofs have been identified by many in the scientific and environmental communities as a practical course of action to help improve air quality.

Sika's long-lasting, energy-efficient roofing systems reduce building energy consumption, minimize smog formation, consume fewer raw materials, and generate less waste when compared to alternative roofing systems.

The Air We Breathe

EnergySmart Roofs reflect the sun's rays, helping to alleviate oppressive urban air temperatures and slow the reaction of smog-forming pollutants. Vegetated roofs filter the air and improve air quality, absorbing and converting carbon dioxide to oxygen.

WASTE MINIMIZATION

CONVERTING WASTE INTO PERFORMANCE

Sika has diverted more than 90 million kg (20 million lb) of vinyl membrane from the landfill, recycling it back into roofing membrane products.

Waste reduction starts with durable products that stand the test of time. Long-lasting roofs need to be removed and replaced less frequently, providing lower life cycle costs and reducing the amount of waste destined for landfills.

Sika® Sarnafil® membranes continue to perform after decades of use in a wide range of climates. This history of proven performance assures customers of one of the longest-lasting roofing systems available.

■ Sika was among the first companies to introduce a recycling program for commercial roofing membranes, and has successfully reprocessed millions upon millions of kilograms/pounds of vinyl membrane into raw material suitable for use in the manufacture of new membrane products.

The company reduces waste at every step in the product life cycle. It gathers excess vinyl raw materials generated during manufacturing operations and converts virtually 100% back into new roofing and waterproofing membranes. The company also recycles returned vinyl membrane "trimmings" contractors generate when installing new roofs and converts these materials into new products.

When a roof must be replaced, Sika's post-consumer Roof Recycling Program recycles millions of square feet of used vinyl membrane yearly, further reducing the burden on landfills. These older vinyl roofs are recycled back into new roofing membrane products,sometimes appearing back on the buildings from which they have been taken for reprocessing.

Sika has invested in large-scale reprocessing equipment and developed a simplified logistics plan to streamline and enhance the process for participating contractors.

The recycling program relies on proven technologies and conserves valuable natural resources.

Sika was honoured in 2009 by the Massachusetts Office of Energy and Environmental Affairs (EEA) for its roof recycling program.

20
MILLION
POUNDS
RECYCLED
AND COUNTING!

Sika Sarnafil®. BECAUSE PERFORMANCE IS MANDATORY

WHY CHOOSE Sarnafil®?
Performance over time is the only true test of a waterproofing system's quality. Sika Sarnafil® has been waterproofing green roofs and other landscaped areas across Europe for over 40 years and in the United States for over 25 years. With close to 4 hundred million square metres of roofing and waterproofing membrane installed worldwide, architects, specifiers and building owners know they can depend on Sika Sarnafil® for proven products and system performance.

When you specify a Sika Sarnafil® Green Roof, you get more than watertight security; you get peace of mind knowing you made the right choice. The Sika Sarnafil® G476 membrane is specially designed for sub-grade environments, compounded to remain watertight in extreme conditions including constant dampness, ponding water, high and low alkaline conditions and exposure to plant roots, fungi and bacterial organisms.

THERE ARE TWO GREEN ROOF CATEGORIES: EXTENSIVE AND INTENSIVE
Extensive green roofs are generally lower in weight and cost and require less plant maintenance. With only a few centimetres of soil, extensive green roofs typically support plants that are tolerant of high heat, drought, wind and frost like grasses, wildflowers and moss. Extensive roofs are often used in areas that will not be subject to regular traffic.

Intensive green roofs are generally heavier, cost more and require more maintenance. However, because the soil is deeper, intensive green roofs can accommodate trees, shrubs, bushes and vegetable gardens. It is not uncommon to see an intensive green roof used for recreational purposes.

Mercy Hospital - West Hospital, Cincinnati, OH, USA

EXTENSIVE (on the right)

- Growth medium 2.5-15 cm
- Lightweight 59-244 kg/m²
- Low growing plants
- Low maintenance
- Low water requirements
- Usually non-accessible
- Slopes up to 30 degrees

INTENSIVE (bottom)

- Growth medium 15 or more cm
- Heavier weight 244 or more kg/m²
- Trees, shrubs, gardens, and more
- Higher maintenance
- Irrigation usually necessary
- Designed for human recreation
- Only used on low slopes


Nursing home Les Terrasses de Bellevue, France

Project : Laguna Lake Development Authority
Green Roof Contractor: Lafarge Republic, Inc.
Waterproofing System: Green Roof System Loosely Laid
Project Size: 700m²
Owner: Laguna Lake Development Authority

Sika Sarnafil®.
DESIGNED TO MEET YOUR NEEDS

Sarnafil® HAS GREEN ROOF systems for use on both concrete and metal deck applications. Sarnafil® provides the flexibility to choose the application that best fits your building's design criteria.

MORE SIKA Sarnafil® BENEFITS
Sarnafil's waterproofing membrane is specially designed for sub-grade environments. The G-476 membrane is available to match your application, overburden type and specific project requirements. Highly puncture resistant, its bright orange color makes it easy to identify and inspect to maintain high levels of quality assurance and control during installation.

ROOT RESISTANCE
Many waterproofing membranes are not resistant to root penetration. They fail, often in five years or less, due to root infiltration into the field seams and flashings. Sarnafil® membranes are inherently root and algae resistant and require no additional barriers to be added to the system. Sarnafil® membranes have passed the most stringent European tests (German FLL Standards) for root resistance. The FLL standard test exposes the waterproofing membrane to 2 years of accelerated root growth.

HEAT WELDED SEAMS AND FLASHINGS
Faulty seams and details are a common source of leaks in green roofs. Some waterproofing membranes use sealants, adhesives or tapes to secure the seams, but because Sika Sarnafil® membrane is thermoplastic, seams and flashings are welded together using Sika Sarnafil® automatic hot-air welder, the Sarnamatic. When welded together, the sheets become one monolithic layer of material impervious to moisture infiltration.

"Sika Sarnafil® PROVIDES THE FLEXIBILITY TO CHOOSE THE GREEN ROOF APPLICATION THAT BEST FITS YOUR BUILDING'S DESIGN CRITERIA."

Sarnafil® MANAGEMENT

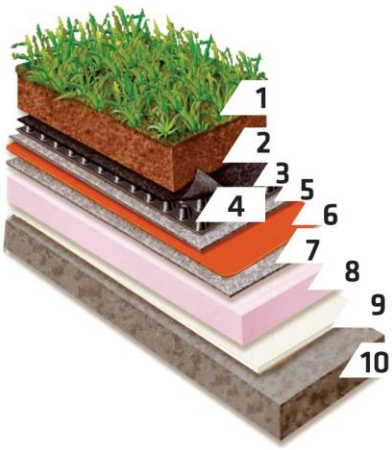
PROVEN MATERIALS

A high quality membrane is the key to any successful roofing or waterproofing project that demands absolute system integrity. With that in mind, Sarnafil® manufacturing process uses only the highest quality materials to produce a monolithic, non-laminated membrane that offers excellent weatherablility and dimensional stability.

EXPERT ASSISTANCE

Our skilled technical experts make Sarnafil® stand apart from other manufacturers. We're involved at each major milestone and train applicators in the classroom and at the job site.

Sarnafil® EXTENSIVE GREEN ROOF



1. Plant (moss, herbs, grasses, and succulents ball hearty plants)
2. Growing Medium
3. Filter Sheet
4. Drainage Board
5. Moisture Retention Material
6. Sarnafil® Membrane
7. Separation Layer
8. Thermal Insulation (If necessary)
9. Vapour Control Layer
10. Concrete Deck

Sarnafil® INTENSIVE GREEN ROOF

1. Plant (Perennials, bushes, grasses and trees)
2. Growing Medium
3. Filter Sheet
4. Drainage Board
5. Concrete
6. Protection Layer
7. Sarnafil® Membrane
8. Separation Layer
9. Thermal Insulation (If necessary)
10. Vapour Control Layer
11. Concrete Deck

Sika Sarnafil®.
THE ADVANTAGES ARE GROWING

AS YOU CAN IMAGINE, the addition of a green roof to an otherwise unused area on a building, is beneficial for the surrounding environment. Initial loss of "green" space and its inherent natural processes like photosynthesis are restored; now just a few stories higher. But green roofs also have other benefits that you might not be aware of.

STORM-WATER RETENTION
During heavy rainfalls, runoff from surfaces such as pavements and rooftops can cause serious problems such as sewer over flow and water pollution. Green roofs slow down the water flow by retaining up to 75% of the rainwater, thus alleviating the pressure on storm-water infrastructures.

REDUCING ENERGY CONSUMPTION
Green roofs are great insulators. They can reduce peak energy demand by lowering a building's cooling costs in the summer months and heating costs in the winter months.

REDUCING THE URBAN HEAT ISLAND EFFECT
More green roofs and fewer dark colored roofs equal a cooler city. Dark roofs retain heat while plants naturally cool their surrounding environments through evapotranspiration cycles. In cities where the ambient temperature can be up to 10 degrees hotter than the surrounding areas, green roofs can help bring the overall temperature down.

WATERPROOFING MEMBRANE PROTECTION
A green roof protects the waterproofing membrane from damaging UV rays, freeze-thaw cycling and repeated foot traffic, extending its lifespan. Some green roofs in Europe have lasted more than 40 years without being replaced.

IMPROVED AIR QUALITY
Green roofs filter air by absorbing and converting carbon dioxide to oxygen.

SOUND INSULATION
Soil and plants are an effective sound insulator.

AESTHETICS
Green roofs are visually stimulating and can make great areas for recreation and pleasure.

INCREASED PROPERTY VALUE
Installing a green roof can increase property value by providing a valuable building asset.

Thermal Bath, Bad Zurzach, Switzerland

ON THE LEFT:
Project: The Pulitzer Foundation for the Arts, St. Louis, USA
Design Architect: Tadao Ando Architect and Associates, Osaka, Japan
Landscape Architect: SWT Associates, St. Louis, USA
Waterproofing Installer: Bartch Roofing Company, Inc., St. Louis, USA
Sika Sarnafil®
Waterproofing System: Loosely Laid System, G476 Membrane
Project Size: 338 m²
Owner: Emily Rauh Pulitzer

Landesfachschule des Dachdeckerhandwerks, Potsdam, Germany

Victorian Desalination Plant, Australia

PVC SHEET MEMBRANE SYSTEMS

Various roof build-ups provide versatility and give innumerable customer choices

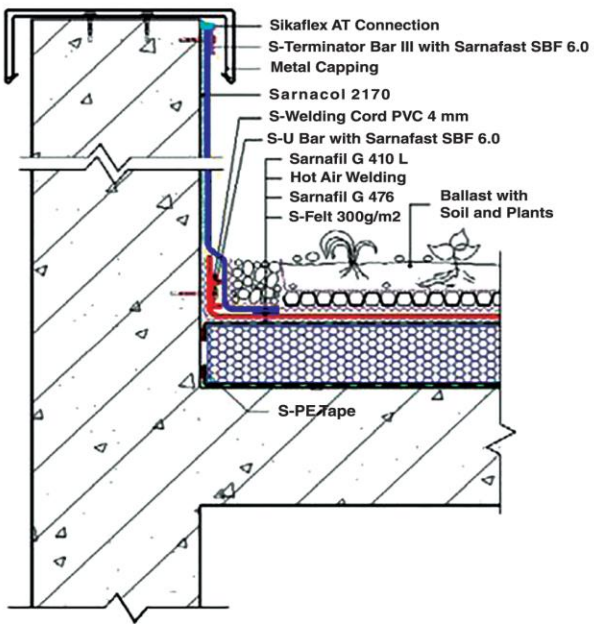
Typical Application	Sika Solution			Special Performance
	Product	Material	Application	
Exposed Roof	Sarnafil® S-327	PVC	Mechanically fastened system	Unique lacquered surface prevents soiling, fast installation and outstanding resistance to weathering
	Sarnafil® G-410 L	PVC	Fully adhered system	High aesthetical performance and design possibilities, wide range of colors, full adhesion to substrates, limited lateral underflow, lacquered surface
Concealed Roof ▪ Green Roof ▪ Ballasted Roof ▪ Utility Deck	Sarnafil® G-410 L	PVC	Fully adhered system	
	Sarnafil® G-476	PVC	Loosely laid system	Outstanding root resistance, excellent weldability and dimensional stability, high resistance to mechanical impact and recyclable

Sarnafil® S327
042-027-1541
ENVIRONMENTALLY IMPROVED
LOW EMISSION
LOW TOXICITY

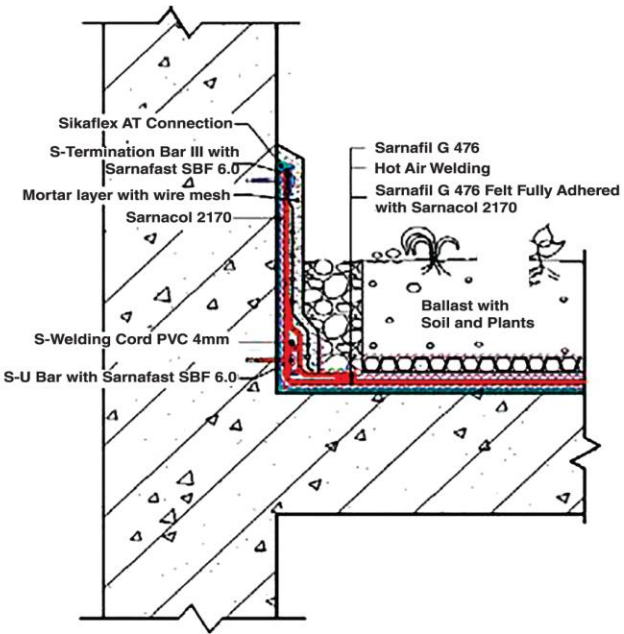
Sarnafil® G410L
042-027-1502
ENVIRONMENTALLY IMPROVED
LOW EMISSION
LOW TOXICITY

Sarnafil® G476
042-027-1514
ENVIRONMENTALLY IMPROVED
LOW EMISSION
LOW TOXICITY

Up-Stand Termination with Flashing



Fully Adhered Roof on Concrete, Green Roof

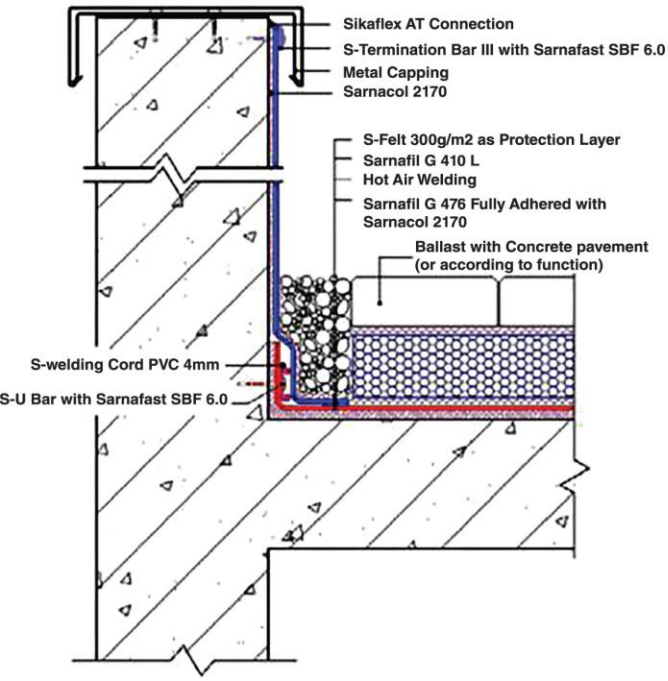


Dallas Cowboy Stadium in Texas

Temple Dome in Malaysia

Exploration space in USA

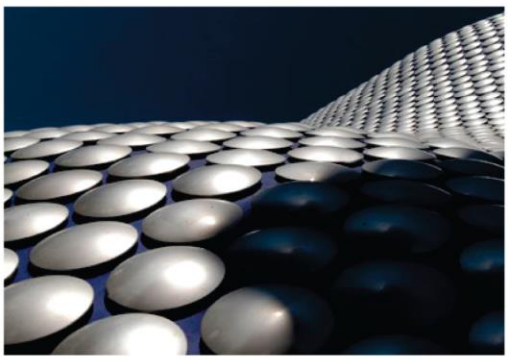
Fully Adhered Roof on Concrete, Up-Stand Termination with Flashing

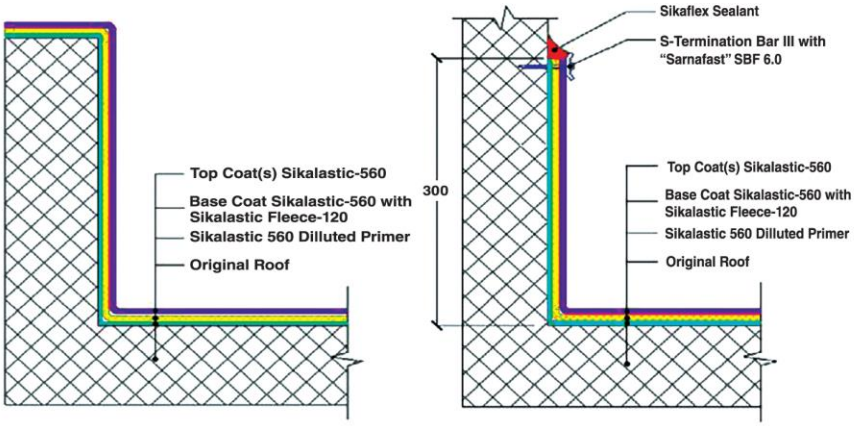


LIQUID AND SPRAY APPLIED MEMBRANE SYSTEMS

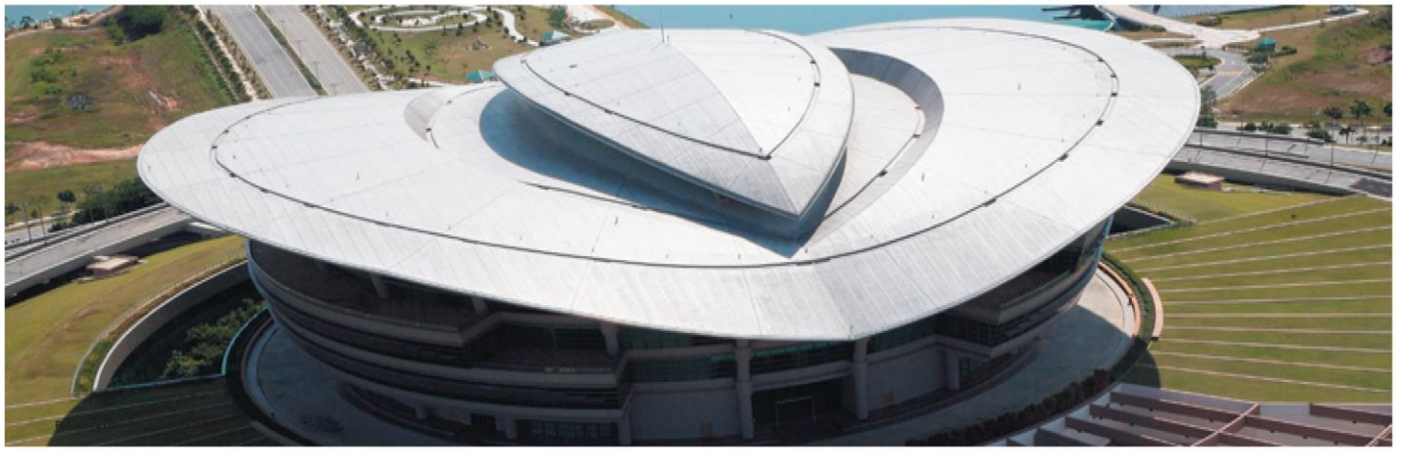
Typical Application	Sika Solution			Special Performance
	Product	Material	Application	
Exposed Roof	Sikalastic®-560	PU modified-acrylic dispersion	Liquid applied (1-component)	Sika Co-Elastic Technology, waterbased, solvent free (low VOC), odourless, high solar reflective properties, excellent resistance to UV and weathering
Concealed Roof	Sikalastic®-1000 GET	PU modified-acrylic dispersion	Spray applied (2-component)	Utra-fast curing, highly elastic, low density waterproofing membrane, high solar reflective UV protection with heat barrier effect, direct application to existing bitumen membrane without any removal of existing membrane and primer, time and cost efficient

Sikalastic® -560
032-118-0865
ENVIRONMENTALLY PREFERRED COATING





SIKA ROOFING PROJECTS



International Reference Projects

Europe:
1. Palexpo, Geneve, Switzerland
2. Siemens AG, Germany
3. Heathrow Airport, London, Great Britain
4. American Air Museum, Duxford, Great Britain
5. Fischer Park, Wiener Neustadt, Austria
6. Subway station Via Cilea, Milano
7. Alcatel, Autun, France
8. Sports Activity Center, Copenhagen, Denmark
9. Volvo Bulycke, Sweden
10. Royal Hospital, Bergen, Norway
11. AEG Hoofdkantoor, Brussel, Belgium
12. Shell, Rotterdam, Netherland
13. Compaq Computer, Spain
14. Uninova, Lisboa, Portugal
15. Olympics Sports Hall, Athens, Greece
16. R. Bosch, hala 080a/090, Ceske Budejovice
17. Flughafen Ferihegy, Budapest
18. Solco Pharmaceuticals, Warsaw, Poland
19. National Economics Academy, Moscow, Russia

America:
1. Coca Cola Bottling, USA
2. Chase Manhatten Bank, New York, USA
3. Harvard University, USA
4. Boeing Corp, USA
5. World Trade Center, Boston, USA
6. United Airlines, USA
7. Motorola Company, USA
8. Hewlett Packard, USA

Africa:
1. Mitsubishi Power Plant, Cairo, Egypt
2. Underground Garage GR2, Tripoli, Libya
3. U.N.E.C.A., "New Conference Facilities", Addis Abeba, Ethiopia

Middle East:
1. Accumulator Battery Plant, Iran
2. Al Khiran Coastal Development, Kuwait
3. PBC, Industrial Building, Tel Aviv, Israel
4. Royal Commission Housing, Jubail, Saudi Arabia

Asia
1. Esplanade Theatres on the Bay, Singapore
2. Police Coast Guard Headquarters, Singapore
3. Fusionpolis, Singapore
4. Lagoon View Condominium, Singapore
5. JTC Factory at Changi North, Singapore
6. Millennia Institute, Singapore
7. Sentosa Cove, Singapore
8. Mount Elizabeth Hospital, Singapore
9. Exxon Mobil Refinery, Singapore
10. Cyber Hub Building, Singapore
11. Green Lodge Condominium, Singapore
12. Changi Terminal 3 (Planter Gutter), Singapore
13. Jurong Bird Park, Singapore
14. Putrajaya Convention Centre, Malaysia
15. Masjid Sul. Nasaruddin Shah Mosque, Malaysia
16. Sarawak International Medical Centre, Malaysia
17. Astaka Hockey Stadium, Malaysia
18. Mercedes Showroom, Malaysia
19. Suvarnabhumi Airport, Bangkok, Thailand
20. IMPACT Challenger Hall, Bangkok, Thailand
21. Swiss Embassy, Bangkok, Thailand
22. Egate Power Plant, Bangkok, Thailand
23. Siam Royal View, Bangkok, Thailand
24. Peruri Currency Printing Plant, Indonesia
25. Philips Factory, Indonesia
26. Sumitomo Plastics, Indonesia
27. Sanyo Electronics, Indonesia
28. Nestle, Philippines
29. Bacolod Airport, Philippines
30. Vietnam Convention Centre, Vietnam
31. French Embassy, Vietnam
32. Miho Museum, Japan
33. Hitachi Computer Company, Japan
34. Solaire Resort and Casino, Philippines

SIKA® FULL RANGE SOLUTIONS FOR CONSTRUCTION & INDUSTRY

Concrete

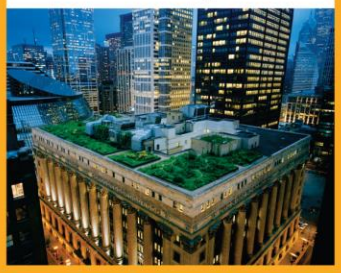
Refurbishment

Sealing & Bonding

Waterproofing

Flooring

Roofing



Industry

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WHO WE ARE

Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

SIKA PHILIPPINES

Sika Philippines, Inc., a wholly-owned subsidiary of the Sika Group, has been serving the Philippine Market since March 1994.

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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BUILDING TRUST