

SIKA INDUSTRY INNOVATION FOR THE WORLD AROUND YOU



SIKA AT A GLANCE

SIKA HAS PROVIDED WATERPROOF-ING SOLUTIONS FOR MORE THAN

100 YEARS

THE FIRST PRODUCT, SIKA®-1, IS STILL ON THE MARKET

EVERY YEAR SIKA SUPPLIES ENOUGH ROOF MEMBRANES TO COVER THE

WHOLE OF MANHATTAN

MORE THAN

30%

INTERIOR NOISE REDUCTION IN VEHICLES THANKS TO SIKA'S ACOUSTIC SOLUTIONS

SIKA'S CLEANROOM FLOORING SYSTEMS RELEASE

1,000 TIMES LESS EMISSIONS

THAN STANDARD LOW VOC SYSTEMS

USING SIKA'S LONG-LASTING
WINDOW INSTALLATION SEALANTS,
MORE THAN

1 MILLION

WINDOW FRAMES ARE SEALED EACH YEAR, HELPING TO SAVE MORE THAN

10,000

TANKER LOADS OF HEATING OIL OVER THE WINDOWS' COMPLETE LIFETIME

WITH

84 AWARDS

IN 16 YEARS, SIKA IS THE COM-PANY WITH THE MOST CONCRETE REPAIR PROJECTS AWARDED WORLDWIDE THANKS TO SIKA'S RANGE OF WATER REDUCERS OVER

25,000 MILLION LITERS OF WATER

ARE SAVED ANNUALLY IN CONCRETE PRODUCTION

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 building sector and motor vehicle industry. Sika has subsidiaries in more than 90 countries around the world and manufactures in over 160 factories. Its approximately 17,000 employees generated annual sales of CHF 5.6 billion in 2014.

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INNOVATION FOR THE WORLD AROUND YOU

Sika Industry is a technology leader in elastic bonding, industrial adhesives, sealants and acoustic applications. We are dedicated to serving manufacturers across a vast range of applications with solutions for production, assembly and repair. Sika delivers innovative solutions to the world's leading manufacturers and service providers in automotive, commercial vehicles, automotive aftermarket, marine vessels, renewable energies, sandwich panels, industrial equipment, HVAC, home and commercial appliances, modular building, facades and fenestration, as well as tooling, composites and technical casting.

We work closely with our customers in order to consistently develop high-quality products which are future-oriented towards the demands of our customers' business – lighter vehicles, quieter truck cabins, faster windshield replacement, more durable wind turbines, flexible mounting of solar panels, higher efficiency windows, fire-resistant building panels and faster assembly of appliances – to mention a few.

Our team of sales and technical service specialists are dedicated experts in their respective fields and are committed to providing support through all project phases – from design and validation to process optimization. Our team has a worldwide footprint and can be found locally in over 90 countries.

Global knowledge and expertise ensures optimal solutions while local service and support offers personal response to business needs. Together, they make Sika the first choice for innovation, quality and delivery.

Our goal is to support our customers in the optimization of their product's durability and safety, as well as the enhancement of manufacturing processes to achieve cost and quality improvement.

MARKET FIELDS



AUTOMOTIVE



AUTOMOTIVE AFTERMARKET



TRANSPORTATION



MARINE



INDUSTRIAL



FACADE & FENESTRATION



RENEWABLE ENERGIES



APPLIANCES & MANUFACTURING



TOOLING &

More on Sika Industry: www.sika.com/industry

IMAGINE THE POSSIBILITIES

BUS DESIGN:

80 KGWEIGHT REDUCTION

WITH Sikaflex® LOW DENSITY ADHESIVES AND SEALANTS



HOME APPLIANCES:

50%MATERIAL SAVINGS

WITH SikaMelt® PRODUCTS

SANDWICH PANEL PRODUCTION:

30 % FASTER

WITH SikaForce®
3-COMPONENT SYSTEMS

SAFE DRIVE-AWAY TIME:

30 MINUTES

WITH SikaTack® WINDSHIELD REPLACEMENT ADHESIVES



FRAME SIZE REDUCTION:

30 % SMALLER

WITH Sikasil® STRUCTURAL GLAZING ADHESIVES

TRUCK CABINS:

25 % NOISE REDUCTION

WITH SikaBaffle® AND SikaDamp® ACOUSTIC SYSTEMS

MARINE:

60% APPLICATION TIME SAVINGS

WITH Sikafloor® Marine UNDERLAYMENT SYSTEMS

IN SITU REPAIR OF WIND TURBINE BLADES:

1 HOUR

WITH SikaForce® AND Sikadur® REPAIR SYSTEMS



MARINE VESSELS:

UP TO 60 DB
NOISE REDUCTION

WITH Sikafloor® Marine FLOATING FLOOR SYSTEMS

CORE COMPETENCIES

A key factor in the success of Sika is its strategic focus on clearly defined core competencies, namely: bonding, sealing, damping, reinforcing and protecting. Our development and technical service teams draw from a broad portfolio of technologies in order to offer the most innovative solutions within each competency.

BONDING

Bonding joins materials with durability and strength. Sika adhesives offer a full range of solutions for load-bearing joints and fastening, whether the application demands strength, flexibility or toughness. Our expertise in joining composites, glass, metals and plastics opens possibilities to incorporate a broad range of materials into new designs. Sika bonding technologies increase the safety and endurance of end products, enable greater design freedom and offer higher process efficiency.

SEALING

Sealing ensures insulation from the elements. Sika sealants are designed to withstand the most demanding environments with enduring flexibility. From facade elements to exterior joints on marine vessels, Sika sealants provide long-lasting barriers to wind, rain, sun and chemicals.

DAMPING

Damping reduces vibrations of all wavelengths in fixed and moving objects resulting in lower reverberation and noise emissions. Sika products are designed for a wide range of both structure and airborne damping treatments. Noise inside vehicles – whether in a car, a truck, or a cruise ship – is silenced, thereby significantly increasing comfort.

REINFORCING

Reinforcing bolsters the carrying capacity of statically- or dynamically-stressed load-bearing structures in a targeted manner, from crash-resistant vehicle bodies to lightweight window frames. Sika reinforcing solutions place the strength where you need it, permitting optimal design and use of materials.

PROTECTING

Protecting increases the durability of structures and preserves the materials of new and renovated objects. Sika solutions guarantee sustained protection for all types of materials against climatic conditions, chemical influence, pollution and fire



SERVING DIVERSE **MARKETS**





AUTOMOTIVE

- Products for sealing, bonding, damping and reinforcing
- Sika solutions allow weight reduction
- Interior and exterior adhesive systems for component assembly



AUTOMOTIVE AFTERMARKET

- High performance solutions for windshield replacement
- Wealth of expertise in car body panel replacement
- Durable protective coatings for car underbodies



TRANSPORTATION

- Quality adhesive solutions for buses, coaches, rails and trams
- Assembly bonding of trucks and trailers
- Solutions for recreational, agricultural and construction vehicles



MARINE

- High-performance acoustic solutions
- Elastic and durable products for sealing and bonding
- Professional competence in boat and shipbuilding



INDUSTRIAL LAMINATION

- Sandwich panel adhesives for buildings and transportation
- Soft lamination of technical textiles, flooring and flexible substrates ■ Self-adhesive tapes and labels



FACADE & FENESTRATION

- High-strength bonding in facades
- Innovative solutions for fenestration ■ Competence in panel bonding for facades



RENEWABLE ENERGIES

- Expertise in wind blade production and repair solutions
- Innovative and reliable solutions for photovoltaics
- Proven bonding technologies for CSP



APPLIANCES & MANUFACTURING

- Vast solution spectrum for home appliances manufacturing
- Sealing, bonding and damping for industrial equipment
- Extensive technology range for general assembly applications



TOOLING & COMPOSITES

- Products for pattern, mould construction and foundry systems
- PUR- and EP-systems for fast prototyping and production
 Composite and laminating systems for various application fields





AUTOMOTIVE

Lighter, Stronger, Safer, Quieter and Greener vehicles start with Sika. As vehicle designs push to reach sustainability targets with lighter weight materials, manufacturing environments demand the ability to produce in volume. Our adhesives for same- or mixed-material bonding in the body shop, glass in the trim shop, sealers in the paint shop, or in acoustic and reinforcement systems address comfort, crash safety and vehicle dynamics, and add value with a full systems approach. Vehicles are finished with laminating and assembly adhesives for interior and exterior bonding of surface laminates and assembly components.



BENEFITS THAT GO BEYOND THE BOND

Safety and sustainability are key considerations in vehicle design and manufacturing. Performance, economic and legislative targets have all driven the need for bonding solutions that can improve stiffness, crash durability and fatigue performance, all while focusing on weight reduction. Sika has designed specific products to fulfill these challenges.



>50%

of vehicles produced annually use Sika products and technologies

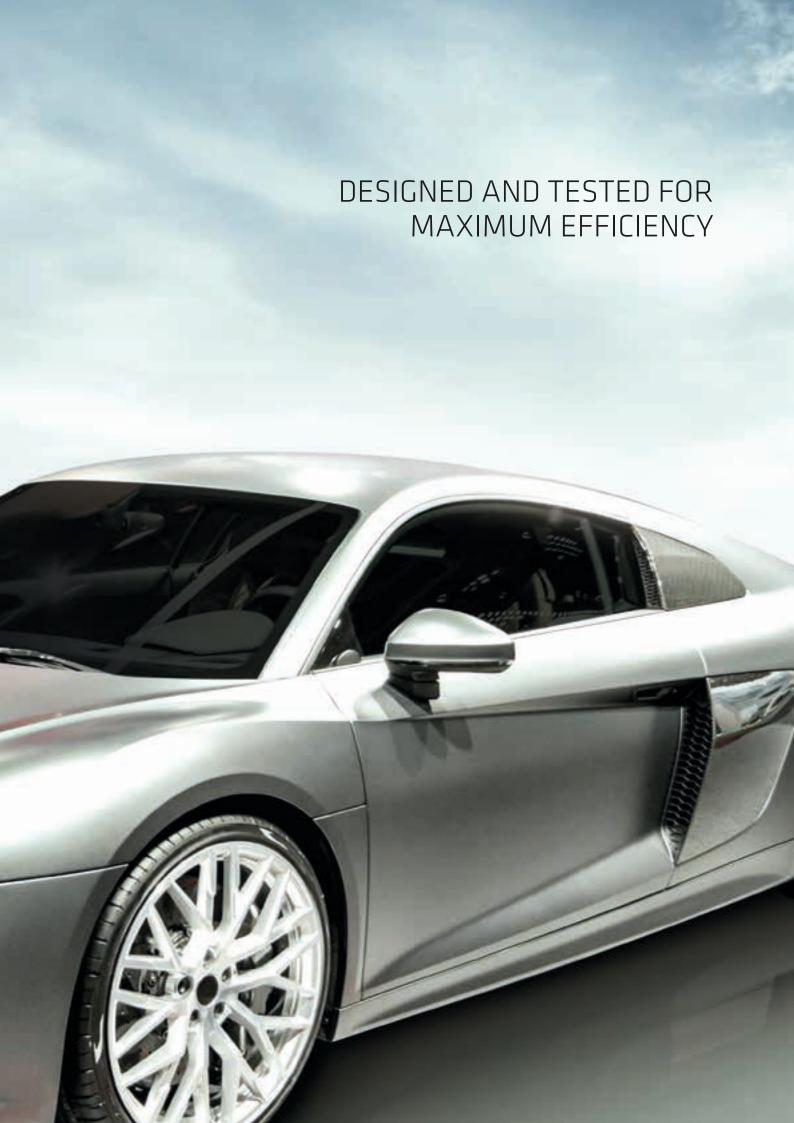
>150,000 l

less VOCs each year thanks to Sika's primerless to glass water-based pre-treatment

>20 million

vehicles made stronger and safer each year with our body shop adhesives

More on Automotive: www.sikaautomotive.com





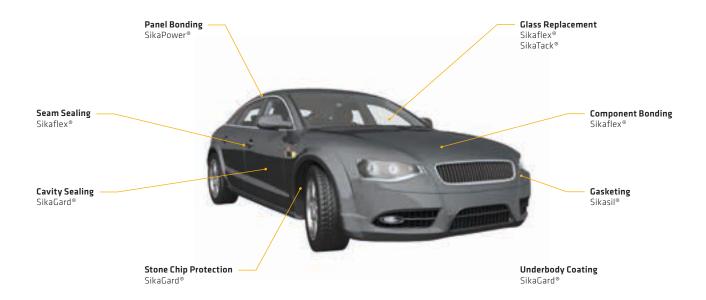
AUTOMOTIVE AFTERMARKET

Sika aftermarket solutions have been driving the automotive industry worldwide for more than 30 years. Our intelligent products combine state-of-the-art technology with user-oriented application properties which make it easy to get started right away. We provide a comprehensive portfolio for sealing and bonding, as well as noise dampening and protective coating applications in car body repair. Innovation, performance, reliability and ease of use make Sika products the number one choice for auto glass and body shop professionals all around the world.



PERFORM WITH THE ULTIMATE TECHNOLOGY

Sika PowerCure adhesives reach new standards in safety and reliability. PowerCure adhesives reach original vehicle performance (cured to OEM level) within minutes rather than days or weeks. Sika PowerCure adhesives allow new business models in auto glass replacement as well as increased comfort and safety for vehicle owners.



1 out of 3

windshields worldwide is replaced using Sika adhesives

>300 million

windshields have been replaced using Sika adhesives

>3 million

Sika cartridges used in body and paint shops every year

More on Automotive Aftermarket: www.sika.com/aftermarket





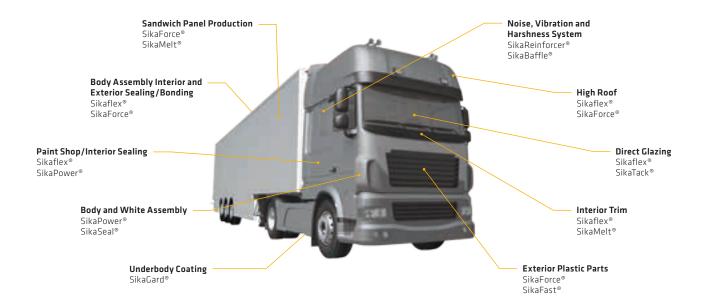
TRANSPORTATION

Sika has been a partner to the world's leading manufacturers in the transportation market for more than 25 years. Bus, truck, rail and special vehicle producers rely on the most comprehensive range of solutions for bonding, sealing, damping, reinforcing and protecting. Our solutions meet customer demands for high safety, comfort and lower operating cost combined with improved durability. Apart from high-quality products, Sika's customer-focused organization offers full support with a world-wide presence of technical service together with a well-trained sales force who assist and plan for smooth-running serial productions and repairs.



LIGHTER VEHICLES

New solutions for bonding aluminum and engineered plastics pave the way for lighter, more fuel-efficient vehicles. Sikaflex® elastic adhesives can join a diverse range of materials allowing for optimized design and weight. The elastic nature of Sikaflex® adhesives distributes loads more evenly while enhancing structural stiffness, allowing chassis members and body panels to be minimized.



150,000

buses produced every year with Sika products

35%

of global rail fleet made stronger and safer with Sika 5 million

truck cabins produced with Sika solutions

More on Transportation: www.sika.com/transportation





MARINE

Sika provides direct glazing, teak decking, exterior and interior sealing and bonding, as well as acoustic flooring systems in the manufacturing and repairing of leisure boats, commercial vessels and offshore platforms. Our elastic bonding and sealing solutions are designed with the harsh marine environment in mind: resistance to water, sun, cleaning chemicals and fatigue. Sika offers a range of flooring products, each of which have a levelling and smoothing aspect, as well as varying degrees of noise and vibration reduction properties. All this, coupled with fire performance, assures that the requirements of both ship owners and regulatory bodies are met.



DURABLE, RELIABLE AND APPROVED SYSTEMS

Our Sikafloor® Marine range offers ship refurbishment solutions for levelling, acoustic noise reduction and damping which allows new installations to be walked on in as little as 2 hours. Durable, lightweight and fire-rated, our systems fulfill IMO regulations as well as those of other major authorities and classification societies.



>60%

application time savings with Sikafloor® Marine visco systems

Up to 60 dB

airborne noise reduction with Sikafloor® Marine floating floors

>15,000

boats per year bonded with Sika

More on Marine: www.sika.com/marine

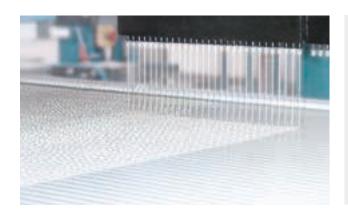






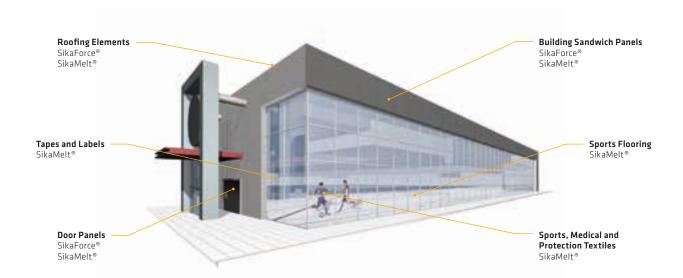
INDUSTRIAL LAMINATION

Sika adhesive solutions are found in a broad range of industrial lamination applications. Laminated building panels combine high strength, low weight and engineered properties such as insulation and fire performance while ensuring durable, aesthetically-pleasing surfaces. Transportation panels meet the challenges of lightweight, durable vehicles while operating in an environmentally-friendly way. Sportswear, protective and medical textiles are laminated to satisfy demands for breathability, washability and wearing comfort. Self-adhesive tapes and labels fulfill the need for convenient, fast and reliable adhesion in packaging and technical applications.



HIGH PRODUCTIVITY WITH SIKA SOLUTIONS FOR LAMINATION

SikaMelt® and SikaForce® lamination adhesives deliver the highest productivity in panel lamination. SikaMelt® reactive hot melts offer near instant fixation together with the durability for permanent bonding. SikaForce® multi-component adhesives offer on-demand cure speed adjustments cutting the reduction of process times by up to 30 %.



25 million m²

of building panel laminates produced every year with SikaForce® and SikaMelt®

22 million m²

of soft laminates bonded annually with SikaMelt®

25,000

trailer bodies laminated using Sika products each year

More on Industrial Lamination: www.sika.com/ses





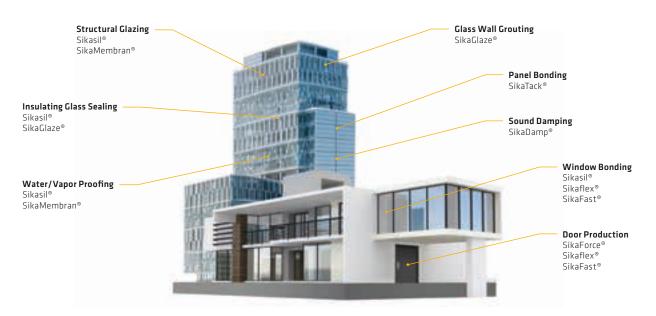
FACADE & FENESTRATION

The increasing knowledge about glass properties creates an ever growing demand for bolder and creative facade designs with more natural lighting. To strike the ideal balance between aesthetic appeal and energy efficiency, architects are increasingly turning towards glass for the building envelope. Sika offers a full range of complimentary solutions for insulated glass manufacturing, structural glazing and weather sealing, thereby ensuring system compatibility. With its profound competence in opaque and glass facades alike, Sika has been the ideal partner for planners and applicators of all kinds on building envelopes for decades.



MORE WINDOW - LESS FRAME

Sikasil® structural glazing solutions offer the highest design strength in the industry. Efficient load transfer allows frame members to be minimized in commercial facade elements and residential bonded windows. The result: more window and higher thermal performance.



7,000

facades bonded and sealed with Sikasil® engineering silicones 10 million

windows structurally bonded with Sikasil® WT

25%

savings in energy using insulating glass sealed with Sikasil® IG-25 HM Plus

More on Facade & Fenestration: www.sika.com/ses





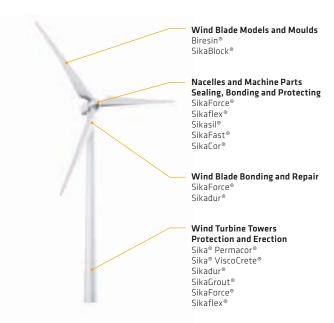
RENEWABLE ENERGIES

Sika is proud to successfully supply the renewable energy industry for 20 years. With this experience in hand, we know what it means to deliver products and solutions that will last over decades under the harshest environmental conditions, while at the same time offering continuous system cost reduction and efficiency improvements. Moreover, Sika's global experts assist our partners in all phases, from design to implementation and beyond. Our focus lies in providing manufacturers and installers in the wind energy, photovoltaic module, thermal collector and concentrated solar power industry with proven and innovative solutions for sealing, bonding and protecting.



DESIGN AND PROCESS OPTIMIZATION

Sika meets the ongoing optimizations and improvements in the industry with innovative products and solutions for production, installation and repair. Our toughened epoxy technology is the answer to new blade designs and our structural silicones are key to cost-optimized photovoltaic systems.





30,000

wind turbines operate worldwide thanks to SikaForce® SikaForce® contained in a typical wind

turbine blade

50%

of all global CSP power plants are bonded with Sikasil®

More on Renewable Energies: www.sika.com/renewable-energy





APPLIANCES & MANUFACTURING

Manufacturers of home appliances and industrial equipment strive for aesthetic appeal and comfort as well as process optimization. Sika's broad technology portfolio serves a broad variety of applications in white goods, elevators, HVACs and other industrial equipment with solutions for sealing, bonding, damping and protecting. Being a solution-oriented company, Sika delivers with comprehensive project support from planning to implementation of production and beyond.



HIGHEST PRODUCTIVITY WITH EXCELLENT QUALITY

Increased automation, shorter cycle times, new material combinations and designs along with increased quality expectations call for optimized solutions. Our SikaMelt® product range can bond a diverse array of materials with the fastest process cycles and is one of our many solutions to cope with today's challenges.



>10 million

washing machines bonded with Sikaflex®

The top 4

global home appliance producers trust in Sika products **50%**

system cost reduction with SikaMeIt®

More on Appliances & Manufacturing: www.sika.com/appliances





TOOLING & COMPOSITES

Customers around the world rely on our innovative products of solid and liquid epoxy and polyure-thane resins for use in model, mould, tool and part production. Our expertise in a wide range of PUR and EP development also allows Tooling & Composites to offer customized solutions (and developments) in special markets such as medical and industrial filters, dielectrics, composites, composite bonding, functional coverings and other series casting applications. All these market fields are marketed by the business unit SikaAxson.



RAPID PRODUCTION

Due to an increasing variety of models in all industries, the demand for small series is constantly growing. Injection moulding with costly steel moulds are less profitable. A cost-effective option is the RIM process, in which Biresin® polyurethane resins are injected and are then cured within 5-20 minutes to finished parts. Applications like headlamp lenses, heat resistant parts or computer cases can be done in this easy and cost-effective way.



1.3 million

prototype and small series parts are manufactured per year

30%

of all European car models are designed out of Sika Tooling & Composites boards

60 vears

experience ensures proven quality for Tooling & Composites customers

More on Tooling & Composites: www.sikaaxson.com

ENGINEERING SUPPORT GOING BEYOND THE SUPPLY OF MATERIALS AND PRODUCTS

Sika is dedicated to providing and maintaining the highest quality standards with its products and services. All Sika solutions are designed with the customers' success in mind and to establish long-lasting and mutually-beneficial relationships.



Local, individual support backed up by a strong global network of experts with direct contact to research and development.

TECHNICAL SERVICE AND ENGINEERING SUPPORT

Sika Industry's well-proven solutions are equally complemented with an unmatched level of support and service. The technical functions of the company are organized into dedicated local and regional teams in order to provide customers with innovative solutions, experience and knowledge. Our teams help from the idea through to the design stage and until the completion of a project with:

- Organization of project-specific material and durability tests performed by qualified laboratories
- Supplying technical documentation to support design, simulation and manufacturing processes
- Helping determine the best fit for production setups by building up similar production processes in-house
- Supporting customers independently with the evaluation and setup of equipment such as pumps and dosing units, all the way up to fully-automated cells
- Providing tailored customer application trainings

RESEARCH AND DEVELOPMENT (R&D)

With about 70 patent applications every year, Sika is one of the most innovative companies in Switzerland and amongst the top 10 patent holders in recent years.

Sika's R&D strategy includes centralized functions such as research, which delivers new and unique building blocks, analytical services, R&D information and IP management to support all its technology centers worldwide. 20 global technology centers are the backbone of product development with relevance and impact on a global base. In addition, 18 regional technology centers with a focus on product development, adaptation and solutions for the specific needs of a region, and 60 local technology centers vital for country-specific adjustments, complete the global footprint and matrix of Sika's R&D. This footprint offers access to a worldwide network of partners, suppliers and scientists to guarantee customeroriented solutions everywhere.

SUSTAINABILITY MORE VALUE, LESS IMPACT

Creating value while reducing impact – that's the goal. Sika's strategy fully integrates sustainability into all its business processes in order to maintain its competitive advantage. Internally, the company promotes sustainability through its efficiency and safety programs to enhance economic, social and environmental progress.

In 2014, Sika implemented a worldwide sustainability strategy. With the avowed aim of "More Value – Less Impact" the company defined six strategic targets to focus its activities over the coming years on: economic performance, sustainable solutions, local communities/society, energy, waste/water and safety. Through its products, systems and solutions Sika strives to create long-term benefits and to significantly reduce resource consumption and impact associated with production.

RESPONSIBILITY FOR THE FUTURE

Sika is dedicated to sustainable development by assuming responsibility in providing solutions in order to improve material, water and y efficiency in construction and transportation. Sika strives to create value with its products, systems and solutions along the whole supply chain and throughout the life span of its products.

SUSTAINABILITY IMPACT ON INDUSTRY BUSINESS

- Energy-saving products
- Solutions for renewable energy
- Reduced material consumption
- Considerable weight savings
- Durable and long lasting systems

FOCUS AREAS

Relevance

Sustainability is a business enabler, business driver and brand message, with high relevance to construction and transportation target markets, driven by global megatrends, e.g. population growth, climate change and increased regulations.

Increase Value

We are an industry leader by pioneering a portfolio of sustainable products, systems and services. Products and systems are designed for energy, material and water efficiency, for durability and safe use, driven by Sika's product innovation process, sustainability roadmaps and technology teams.

Reduce Footprint

Sika improves its environmental and safety footprint by reducing energy, water and material demand per product unit and by working without injuries. The company sets targets for safety and efficiency by holding line management responsible for achievement.

Compliance

Legal and regulatory compliance, anti-corruption and respect for human rights along the supply chain are the foundations of Sika's business behavior wherever the company operates.

Social Progress and Integration

Sika builds trust and creates value for customers, communities and society. Sika believes that embedding in the social fabric of society and communities will promote its business to the benefit of all.

Public Commitments

Sika is a signatory of the UN Global Compact and a member of the World Business Council for Sustainable Development. Donations to sustainable projects underpin the company's commitment.

SIKA INDUSTRY BRANDS

Brand families	Description
Sikaflex®	One- and two-component elastic polyurethane and hybrid adhesives and sealants for glazing, bonding, sealing and bedding
SikaTack®	Adhesives for glass bonding in the vehicle aftermarket
SikaForce®	One- and two-component structural polyurethane assembly and lamination adhesives
Sikasil®	Silicone-based adhesives and sealants for facades, fenestration, solar and appliance applications
SikaMelt®	Reactive, non-reactive and pressure sensitive hot melt adhesives for lamination, assembly, textiles, tapes and labels
SikaReinforcer®	2C molded epoxy expandable foam with FRP carrier for selective reinforcement in vehicle structures
SikaSeal®	Rubber based mastic and anti-flutter adhesives with variable expansions for vehicle assembly
Biresin [®]	Composite and casting resins for model, mold and special applications
SikaBlock®	Tooling boards for model making
SikaFast®	Two-component structural adhesives based on acrylic chemistry
SikaLastomer®	Sealants and pre-formed tapes based on elastomeric rubbers
SikaTherm®	Water- and solvent-based adhesives for vehicle interior finishes
SikaDamp®	Rubber- and constrained-layer products for acoustic damping
SikaPower®	Epoxy and epoxy-hybrid adhesives and sealants for body shop and industrial applications
SikaBaffle®	Thermoplastic- and rubber-based products for acoustic insulation and vehicle sealing
SikaSense®	Water- and solvent-based adhesives for lamination and assembly bonding
Sikadur [®]	Epoxy systems for structural bonding, anchoring and grouting
SikaGard®	Protective coatings and cavity sealers for vehicle body structures
Sikafloor®	Cementitious, epoxy, polyurethane and A-60 floating floor systems

GLOBAL BUT LOCAL PARTNERSHIP



Our most General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.

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