



SIKA CHINA A DYNAMIC GROUP

BUILDING TRUST





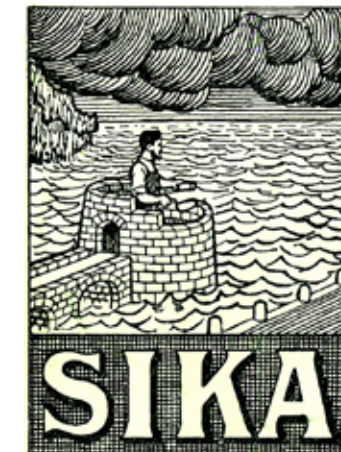
SIKA, BEGINS...

A Legend Start from 100 Years Ago!

Kaspar Winkler was driven by his entrepreneurial spirit when he laid the cornerstone of our company in 1910. He invented Sika®-1, a quick-setting waterproofing admixture for mortar, which was used to waterproof the Gotthard Tunnel, enabling the Swiss railway company to electrify this important connection between Northern and Southern Europe.

Today the new Gotthard Tunnel (NEAT: New European Alp Transit) again is an important project for Sika. Although Sika®-1 is still part of our product range, today much more advanced products are being used. High-tech admixtures for shotcrete and tailored waterproofing systems are needed to build this 57 km tunnel – the longest tunnel on earth – through the Swiss Alps. We can be proud of our history and look to the future with optimism, as our know-how, our service and our products are needed more than ever.

1910	Foundation by Kaspar Winkler and invention of Sika®-1
1920s	Waterproofing of Gotthard railway tunnel
1930s	Expansion in Europe and Latin America
1936	Expansion to Asia-Pacific
1968	Going public at SIX Swiss Exchange
1968	Launch of the first Sikaflex® products
1983	Introduction of Industry Division
1998	Launch of Sika® ViscoCrete®
2010	100th anniversary
2011	i-Cure® Technology
2012	Listing in the Swiss Leader Index (SLI)



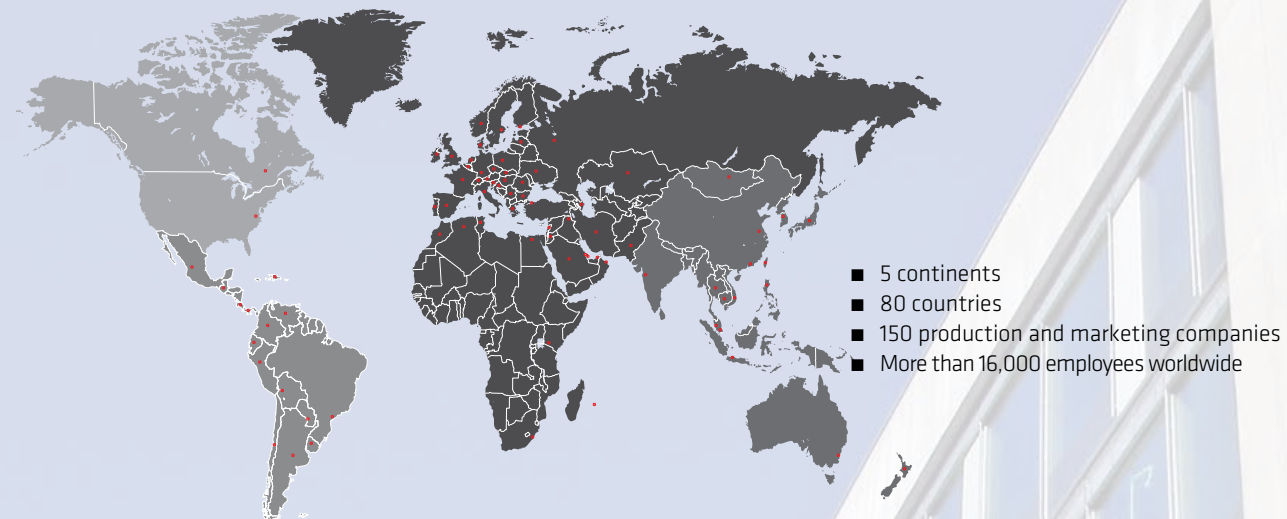


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SIKA TODAY

Sika AG, located in Baar, 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'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. Worldwide local presence in 80 countries and more than 16,000 employees link customers directly to Sika and guarantee the success of all partners. Sika generated more than 5 Bio. CHF annual sales.



OUR VALUES

Guide Us Everyday for More than 30 Years

COURAGE FOR INNOVATION
STRENGTH TO PERSIST
PLEASURE OF WORKING TOGETHER



CORE COMPETENCIES

Sika Strives for Leadership in Clearly Defined Target Markets.

A primary element of Sika's successful research and development undertaking is the strategic focus on clearly defined core competencies. These are: sealing, bonding, reinforcing, damping and protecting load-bearing structures in construction and in manufacturing industries.

Sika provides its customers with innovative solutions that boost the efficiency, durability and aesthetic appeal of buildings, infrastructure facilities, installations and vehicles, throughout production and use, and thereby makes a substantial contribution to sustainable development.

PROTECTING

Protecting extends the durability of load-bearing structures and preserves the substance of new and renovated objects. Sika solutions guarantee sustained protection against climatic conditions, chemical influence, pollution and fire for concrete and steel structures.

BONDING

Bonding joins different materials permanently, elastically and securely. Vehicles, windows, and even concrete elements of several tons for bridges are bonded using new processes. Sika bonding technologies increase the safety of end products and enable greater freedom of design. These applications also optimize the manufacturing process by reducing cycle times.

DAMPING

In fixed and moving objects, damping reduces vibrations of all wavelengths, resulting in fewer reverberations and noise emissions in load-bearing structures and cavities. Noise in vehicle interiors, for example – whether in a car, a bus or a cruise ship – is silenced, and comfort increases significantly.

REINFORCING

Reinforcing bolsters the carrying capacity of statically or dynamically stressed load-bearing structures in a targeted manner, from lightweight window frames to crash-resistant automotive bodies to imposing concrete bridges. Solutions for reinforcing fortify existing and optimize new load-bearing structures.

SEALING

Sealing minimizes the flow of gases and liquids between cavities and interstices as well as the dissemination and transfer of heat or cold. Immense flat roofs, complicated tunnel constructions, easily damageable water reservoirs and sophisticated façades are durably impervious to wind and rain, resistant to temperature, age and vibration. The functionality and comfort of rooms within are thereby enhanced.



Bonding
Protecting
Reinforcing
Damping
Sealing

SIKA CHINA



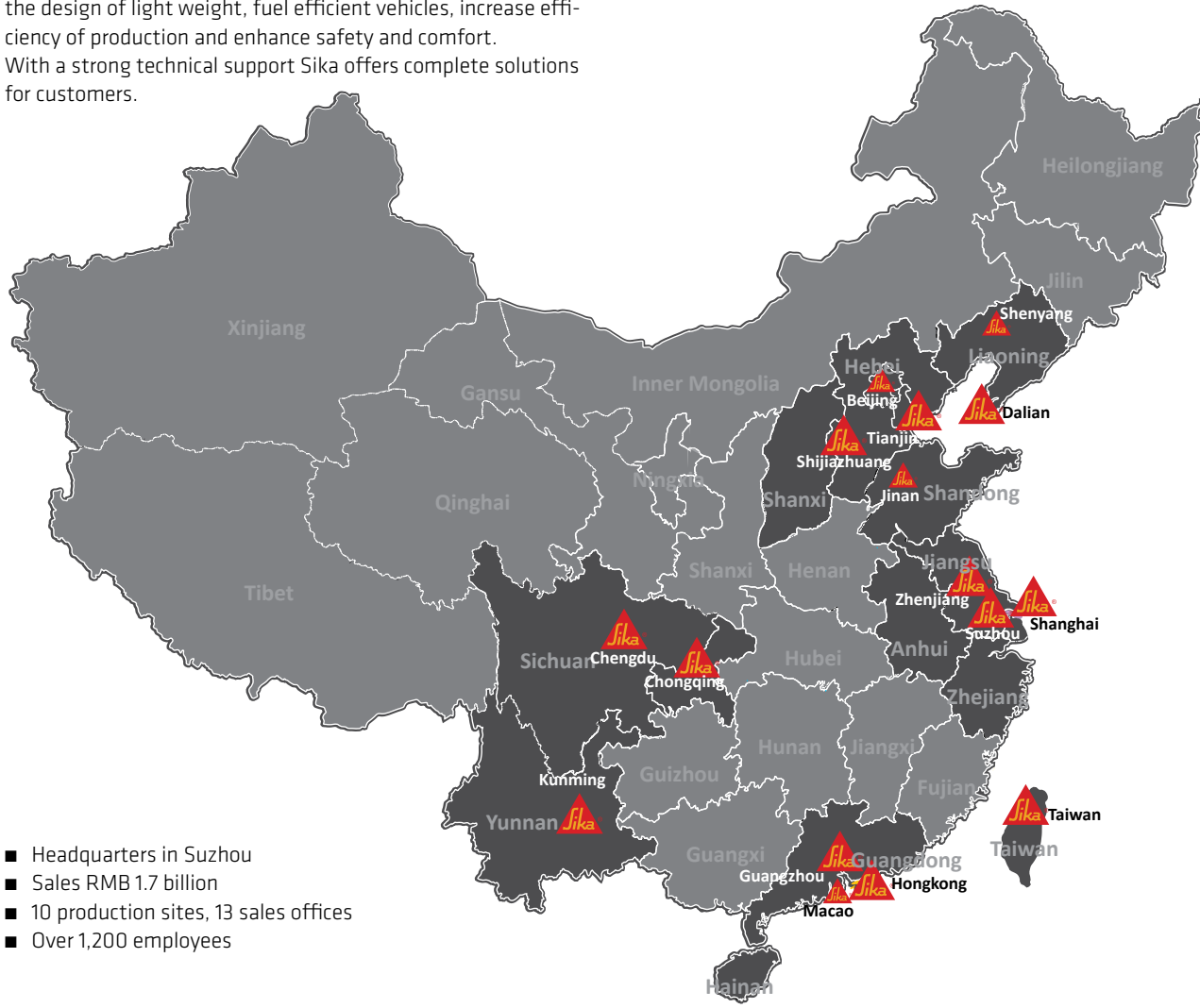
Sika's engagement in Greater China goes back to 1958 when Sika started operations in Hong Kong. In 1993 Sika entered mainland China and in 2006 Sika set up the new Headquarters in the Suzhou Industrial Park, including a brand new Technology Competence Center.

With more than 1.7 Bio. RMB sales and over 1200 people China is one of the most important and fastest growing markets for Sika. The Suzhou Technology Center and the R&D facilities in Shanghai and Guangzhou constantly develop tailor made products dedicated for the Chinese market and 10 production sites assure short lead times and product availability everywhere in China.

From Roof to Floor Sika China offers a full range of construction materials, including advanced concrete admixtures, roofing and waterproofing membranes, flooring materials, sealants, mortars and grouts. Sika's Industry solutions enable the design of light weight, fuel efficient vehicles, increase efficiency of production and enhance safety and comfort.

With a strong technical support Sika offers complete solutions for customers.

- | | |
|------|--|
| 1958 | Sika Hong Kong Ltd. |
| 1991 | Sika Taiwan Ltd. |
| 1993 | Sika Guangzhou Ltd. |
| 2001 | Sika Dalian Ltd. |
| 2001 | Sika Tianjin Plant |
| 2004 | Sika Sarnafil Shanghai |
| 2005 | New Sika (China) Ltd. Headquarters in Suzhou |
| 2008 | Sichuan Keshuai Admixture Co., Ltd. (Acquisition) |
| 2009 | Jiangsu TMS Admixture Concrete Ltd. (Acquisition) |
| 2011 | Hebei Jiuqiang Building Material Co., Ltd. (Acquisition) |
| 2013 | New factory in Chongqing |
| 2014 | 20 th Anniversary of Sika in China |



- Headquarters in Suzhou
- Sales RMB 1.7 billion
- 10 production sites, 13 sales offices
- Over 1,200 employees



R&D

Centrally Organized Research, Local Customized Solutions.

The driving forces in R&D are multi-faceted: On one hand global trends have a strong impact on our research work. On the other hand, due to differing local construction industry specifications, considerable product adaptations to respective requirements are necessary.

Sika's R&D strategy includes centralized and decentralized components that complement each other perfectly. The centrally organized research handles long term research programs, delivers analytical services and establishes R&D management for the entire Sika Group. The second component in R&D strategy is the local customized products, solutions and applications.

In collaboration with regional support centers proximal to customers the technology centers additionally adapt Sika products to local conditions and the individual customer needs. The support centers are also responsible for finding suitable local raw materials to cost-optimize onsite product manufacturing.

R&D IS KEY FACTOR FOR OUR SUCCESS

- 11 Technology Centers in 9 countries, 6 Regional Technology Support Centers
- 1200 employees in Research & Development (R&D), Quality Assurance (QA), Technology Support (TS); of these, 470 work within central R&D.

With currently 60 researchers and developers the China Technology Center has become the innovative think tank for the local market and the region Asia-Pacific.

Energy and cost saving are the drivers for our development. Experienced chemist from our European headquarters together with experts from China developing new innovative solutions and tailor made products for our customers. These developments are partly based on corporate formulations and partly fully independently developed for the local market requirements.

Meanwhile many of the products from the Chinese R&D team found their way in other markets around the world and show the strength of "Sika innovations developed in China".



TECHNICAL SERVICE

Be Professional, Best Support for Best Solution

Sika Technical Service teams are located in central cities and cover the regions throughout China, and are dedicated to provide top quality and fully support in the selection, validation and application of Sika products.

By being located close to our customers, Sika Technical Service teams provide communication and assistance throughout the development process to ensure best possible results.



MARKET FIELD

To be A Best Partner for Customers, We Keep Moving Forward!

In order to give more customer oriented service and carry out more specific research & development into each market, Sika defined 7 strategic target markets for the business.

In its clearly defined target markets, Sika strives for technology and cost leadership following the guiding principles of sustainable development. The 7 target markets are: concrete, waterproofing, roofing, flooring, sealing & bonding, refurbishment and industry.

CONCRETE

WATERPROOFING

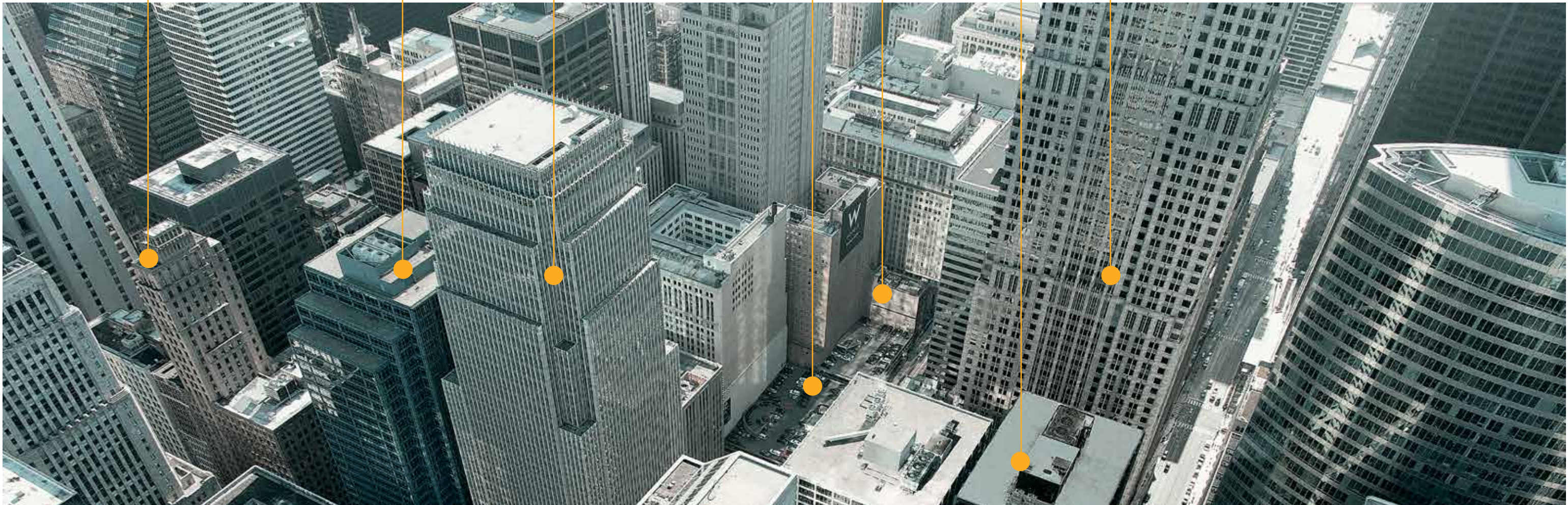
FLOORING

INDUSTRY

REFURBISHMENT

ROOFING

SEALING & BONDING





CONCRETE
SOLUTIONS
FOR MORE
PERFORMANCE
AND
SUSTAINABILITY



APPLICATION FIELD

- RMC
- Building/Skyscraper
- Bridge
- Tunnel
- Precast
- Highway/Railway
- Nuclear Plant
- Airport
- ...

Sika's concrete solutions not only meet high requirements for durability, they are in sync with trends of modern concrete placing and architecture, while also satisfying ecological and aesthetic standards. Based on decades of experience Sika offers a wide range of innovative products such as concrete admixtures, cement grinding aids, additive solutions for gypsum fabrication and specialty mortars.

Concrete admixtures include e.g. water reducers, set retarders, accelerators, durability enhancers (such as air entraining, shrinkage reducing, strength enhancing,

corrosion inhibiting admixtures), mould release agents, curing compounds or surface retarders.

During the construction process, the owner focuses on the investment and maintenance cost in combination with construction speed, the designer is constantly looking for new construction methods and technological possibilities for cost efficient and timely construction, while the contractor has highest interest in concrete properties directly influencing the construction process, Sika concrete technology can provide solutions to meet above requirements.





MANIFOLD SOLUTIONS, ONE GOAL: CUSTOMER BENEFIT

APPLICATION FIELD

- Basement
- Bridge
- Tunnel
- Building
- Home/Bathroom
- ...

Sika, the world's leading waterproofing company has been producing innovative and high quality waterproofing products since 1910. Sika's waterproofing solutions for the most challenging requirements comprise flexible membrane systems, watertight concrete, joint sealing solutions, various coatings, watertight mortars and renderings as well as complete injection solutions for remedial work.

These solutions prevent either the infiltration of water into structures or the escape of water out of structures. Customers benefit from Sika's unique services, including specification work in the design phase, tailor-made systems for specific project requirements, as well as application training and on-site support.



SIKA: EVEN FOR THE MOST CHALLENGING ROOFING REQUIREMENTS

Sika is the expert for exposed roofs, gravel ballasted roofs, green roofs, light-reflective cool roofs, solar roofing and utility roof decks in new construction and refurbishment.

Sika always deliver tried-and-tested, economic watertight solutions with minimal environmental impact for the most challenging roofing requirements.

The single-ply roofing systems include PVC roof membranes as well as liquid membranes. Sika also provides additional services such as wind load calculations, guarantees, CAD plans, application training and technical consultations.

APPLICATION FIELD

- Stadium
- Exhibition hall
- Airport
- Plant
- Commercial building
- Residential
- ...



Sika's flooring systems have been developed for manifold constructions: industrial manufacturing facilities, health care and education facilities, parking decks, cleanroom environments (e.g. for pharma and electronics industry) or residential buildings.

These market segments have their specific requirements in terms of traffic and mechanical wear, impact on people in the vicinity, antistatic performance, slip resistance as well as chemical or fire resistance.

Sika has developed global flooring expertise providing systems that factor in design life, operational requirements, construction joints, floor to wall connections, surface design and installation specifications.



APPLICATION FIELD

- Office area
- Commercial area
- Sports area
- Production area
- Logistic/Stock area
- Pharmaceutical Facilities/Hospital
- School/Kindergarten
- Home
- ...

MORE FREEDOM OF DESIGN
BY SIKA FLOORING SYSTEMS



ENERGY SAVING
SOLUTIONS FOR
A BETTER FUTURE



Joint sealants make up only a small portion of the monetary value of a construction project and are often considered as an unimportant detail. Yet, Joint Sealing play the major role in keeping a building air and water tight and thus prevent damages with unforeseeable consequential costs as well as energy saving.

Sika bonding technologies enable to connect different construction materials permanently without screws and nails, such as in floor bonding.

Sika elastic bonding solutions for interior finishing as well as wood floor bonding meets design and performance specifications in full. Structural bonding includes sealing and bonding of large scale concrete segments during segmental bridge construction work or chemical anchors for high load applications.

APPLICATION FIELD

- Façade joint sealing
- Interior joint sealing
- Roof joint sealing
- Floor joint sealing
- Wood floor bonding
- Special joint in Solis, Tank, Swimming Pool, Fire Rate, Airport Runway and etc.

...



ADD VALUE TO BUILDINGS AND INFRASTRUCTURE

APPLICATION FIELD

- Bridge
- Infrastructure
- Building
- ...

Sika's refurbishment solutions include systems to restore and rehabilitate buildings and infrastructure. For example concrete structures that have deteriorated due to corrosion, structural damage, water infiltration, freezing, seismic activity or reactive aggregates.

The range of solutions encompasses corrosion inhibitors, high-performance mortars and grouts, strengthening systems with fiber reinforced polymers, sealing systems and injection solutions.



Target market Industry encompasses products for industrial manufacturing. Included markets such as:

- Transportation (bus, truck, rail)
- Marine (Ship, yacht)
- Automotive OEM (structural bonding, direct glazing, noise damping acoustic systems, reinforcing systems)
- Automotive aftermarket (car glass replacement, car body repair)
- Application&Component (textile, sandwich board)
- Tooling&Component (medical instruments)
- Renewable energies (windmill, solar)

Sika's solutions enable the design of light-weight, fuel-efficient and durable vehicles, increase the efficiency of production and application processes, provide additional safety and comfort for passengers and increase energy efficiency of buildings.

APPLICATION FIELD

- Bus
- Rail
- Vehicles
- Ship
- Yacht
- Aftermarket
- Textile
- Solar
- Windmill
- ...



SIKA SOLUTIONS
FOR INDUSTRIAL MANUFACTURING



SUCCESS STORY

CONCRETE
WATERPROOFING
ROOFING
FLOORING
SEALING & BONDING
REFURBISHMENT
INDUSTRY



SIKA® VISCOCRETE® TECHNOLOGY FOR PRECAST SEGMENT PRODUCTION NANJING METRO PROJECT

PROJECT DESCRIPTION

Nanjing Metro is a 617 km long metro that consists of 17 lines, located in eastern China, Jiangsu Province. Its construction period will continue for the next 30 years. By June, 2010, 80 km metro line has been opened for operation. Stable metro segment demand will last for another 19 years before its completion in year 2030.

PROJECT REQUIREMENTS

The precast segment production requires high strength concrete in combination with smooth and uniform surface finish. Due to the need of a constant tunnel construction progress with 30 km per year, it is necessary to produce 500 concrete tunnel segments per day. This result is quite challenging regarding early strength development of the concrete by which a rapid formwork turnaround can be realized. Normally, setting time must be controlled within 100 minutes and early compressive strength development over 20 MPa has to be ensured for a three-shift operation.

SIKA SOLUTIONS

The use of **Sika® ViscoCrete®-20 HE** provided the solution for the challenging requirements. The high early strength gained by using **Sika® ViscoCrete®-20 HE** has shortened the striking time and hence accelerated the turnaround of formwork, in addition steam curing time and energy consumption can be reduced. The overall result for the segment manufacturer is an increased production rate with significantly improved product quality. Besides, Sika and our client could gain high reputation by providing value-added technical and logistic service for our end users.

SUCCESS STORY

CONCRETE
WATERPROOFING
ROOFING
FLOORING
SEALING & BONDING
REFURBISHMENT
INDUSTRY



SIKA FLOORING WITH VOLKSWAGEN IN CHINA SHANGHAI VOLKSWAGEN AND FAW-VOLKSWAGEN

BACKGROUND STORY

Volkswagen was one of the first international automakers to venture into China in 1984. Today, the group has 14 representative companies in the country.

In 1999, the first Sika industrial flooring system was used by Volkswagen China in Shanghai Volkswagen Jiading factory. Based on advanced technology, high quality products, site supports, and good services, Sika industrial flooring systems got the confirmation and appreciation from the owner.

Today, Sika has become the biggest partner of Volkswagen China in industrial flooring solution who has supplied over 1,000,000m² industrial flooring.

SIKA SOLUTIONS

The industrial flooring systems cover Sika dry-shake floor hardener, Sika epoxy flooring, Sika anti-static flooring, Sika PurCem flooring and Sika PU coating etc.

■ Shanghai Volkswagen

Shanghai factories: 160,000 m²
Sikafloor®-2 SynTop-1 • Sikafloor®-261

Nanjing factories: 70,000 m²
Sikafloor®-2 SynTop-1 • Sikafloor®-263 SL •
Sikafloor®-239 EDF • Sikafloor®-24N
PurCem (CN)

Ningbo factories: 200,000 m²
Sikafloor®-3 QuartzTop • Sikafloor®-2
SynTop-1 • Sikafloor®-2 SynTop-2 •
Sikafloor®-264

Yizheng factories: 165,000 m²
Sikafloor®-2 SynTop-2 • Sikafloor®-263 SL

■ FAW-Volkswagen

Changchun Factories: 180,000 m²
Sikafloor®-3 QuartzTop • Sikafloor®-261

Chendu factories: 150,000 m²
Sikafloor®-2 SynTop-1

Foshan factories: 200,000 m²
Sikafloor®-2 SynTop-1

■ Volkswagen Transmission

Dalian factories: 80,000 m²
Sikafloor®-262 AS N • Sikafloor®-263 SL

Tianjin factories: 100,000 m²
Sikafloor®-262 AS N • Sikafloor®-263 SL

■ Volkswagen Engine

Changchun factories: 30,000 m²
Sikafloor®-263 SL • Sikafloor®-315

■ Audi 4S Workshop

20 Stores: 80,000 m²
Sikafloor®-264 textured finish

SUCCESS STORY

CONCRETE
WATERPROOFING
ROOFING
FLOORING
SEALING & BONDING
REFURBISHMENT
INDUSTRY



CROSS MARKET SELLING ZHENGZHOU YUTONG GROUP



Zhengzhou Yutong Group Co., Ltd. (hereinafter referred to as "Yutong Group"), one of China's top 500 enterprises, is a large-scale industrial group mainly specialized in bus business and some other strategic businesses such as construction machinery, automotive parts and components, real estate, etc. Yutong Bus covers an area of 1.12 million m², with a daily capacity over 210 buses. So far, it has grown up into the largest and the most technologically advanced manufacturing base of large and medium-sized buses around the world and become the largest bus builder worldwide in terms of sales volume.

Sika started the cooperation with Yutong Group in 1995. It has now become the Key Account of Sika Industry business. In the past 17 years, **Sikaflex®-265**, **Sikaflex®-221** and **Sikaprimer®-206 (G+P)** were mainly used for the Sealing & Bonding part of Yutong Bus. A solid relationship of trust was established during the long term cooperation period.

The good brand recognition of Sika products provides our Building Systems team a good communication foundation for obtaining the Yutong project of its new production base in Zhengzhou.

It's the Key R2F (from Roof to Floor) Project of Building Systems in 2012 with a project area over 220,000 m² and 16 million in net sales. **Sikaplan®-12 GC** and **SamaFast IM** System were used for roofing part. **Sikafloor®-2 Syntop-1** Dark Grey, **Sikafloor®-161 AB** new and **Sikafloor®-264** were used for flooring part.

High quality products and professional services make Sika the customer's first choice. Sika, one-stop solution supplier!

SUSTAINABLE FUTURE

Challenges and Solutions

LIMITED RESOURCES

Increasing demand for resources and limited supply!

Sika's investments in R&D help develop new products that contribute to a more sustainable environment as they need for example fewer layers and consequently use less material or don't require extra substrate preparation. This reduces the volume of raw materials required and increases the efficiency of the project regarding ecology and economy.

CLIMATE CHANGE

Climate is changing faster than ever before!

Sika invests in new production technologies including continuous production processes and closed water and vacuum production methods for low emissions. The cleaning of production machinery requires solvent solutions and Sika therefore aims to minimize this.

MORE DEMAND

The demand for transportation and mobility is rising!

Sika aims to ship as many deliveries as possible by environmental friendly means of transport (e.g. trains) and is further limiting transportation costs by creating innovative packaging concepts and introducing concentrated products in place of traditional diluted ones.



SIKA'S RESPONSIBILITY

Sika takes responsibility for the environment and for the safety along the entire value-added chain. Special attention is devoted to waste reduction, resource conservation and lower emissions in production and processing.

As a consequence of this philosophy Sika fully participates in the worldwide ISO 14001 and Responsible Care® program.

Sika's behavior over the years has been characterized by high ethical standards, ambitious environmental and safety goals and respect for all stakeholders.

The Sika Group supports the Global Nature Fund, which demonstrates protection of nature and environment in different climate zones and societies. The goal is to integrate the local population in every single effort.



1 Sika's Factory in Zurich, Switzerland, surrounded by neighbourhood River and Forest
2 The Sika forest at the Laguna Fuene six year after its planting in 2002



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BUILDING TRUST

