

WE  
ARE  
URBAN  
DEVELOPMENT

With over 100 years of experience, Sika has a long track record of success as a complete system and problem solution provider on many urban development projects all around the world. With extensive technical expertise and solid practical experience on every continent and in all types of climate and environment, Sika is a highly qualified and reliable partner for all of your projects.

Sika is the global technology and market leader in specialist chemicals for building and construction, providing products and complete system solutions for architectural and structural concrete, structural waterproofing, steel corrosion and fire protection, roof waterproofing, structural glazing, flooring and wall finishes, sealing and bonding, damping and reinforcing, plus so much more.

**100**  
YEARS OF  
EXPERIENCE



## DEDICATED SUPPORT

Sika has created a **Major Project Management Team**, dedicated to offering a customised service for large scale projects, such as urban developments, where there are many facets to the design.

Bringing together experts from key areas of its business, the team simplifies the process for customers, offering one point of contact and saving valuable time and resources for you and your clients. Each customer is assigned an individual contact who will manage the project from inception, coordinating our product offerings from roof to basement.

Sika offers one of the industry's widest product ranges for waterproofing, roofing, flooring, concrete, sealing and protective coatings. The Major Project Management Team has the breadth of experience to manage every aspect of your project, ensuring you get the best solution for all of your project needs.

## DEDICATED SERVICE

# FROM BASEMENT TO ROOF



## SIKA SUPPORT AND GUARANTEES

Sika offers a range of support services from design support, specification writing, detail drawings, as well as performance feasibility studies and sustainability analysis from the onset, right through every aspect of the build, including detailed quality control, to the project's completion and final handover.

Typical support services from Sika may include:

- Single point of contact for all major projects
- Bespoke value engineered solutions at design stage
- Detail drawing concept assistance
- Performance feasibility
- BIM support
- Application training and on-site support
- Defined quality control procedures from production to installation
- Life cycle and sustainability analysis
- Local support for International projects

Sika guarantees and future maintenance plans give extra security for urban developments. Follow-up support and all of the necessary technical expertise and resources are available to support our customers and their clients worldwide.

## SIKA, YOUR IDEAL PARTNER



## CONSTRUCTION SOLUTIONS FOR URBAN DEVELOPMENTS

When designing and building urban developments, not only is there the need to satisfy necessary building performance requirement, but the process should aim to reduce the facility operating costs. With more than 100 years of experience, Sika's solutions provide a single source for fully integrated and compatible products and system solutions for urban developments.

These capabilities can help you address many important issues in both new construction and refurbishment projects, and can also combine to help the business run efficiently and maximise the return on investment. Sika solutions are designed and proven to be energy-efficient, highly reliable and sustainable whilst meeting the latest industry regulations.

# TAILORED SOLUTIONS

## FOR ALL YOUR URBAN DEVELOPMENTS

Every part of the building envelope, from the basement to the roof can be exposed to many risks, either during construction or post completion. However water ingress always remains the biggest threat to a building structure. It is therefore critical that your building has a high performance “envelope” that provides secure and unyielding protection from the elements.

Sika produces a wide range of quality products and systems that can waterproof and protect, seal, bond, strengthen, reinforce, and when necessary, repair every part of the building envelope. Sika building envelope technologies simultaneously promote functionality, enhance the appearance, and extend the service life of buildings.

“Sika understands the specific requirements of urban developments and can offer tailored solutions and expertise for all areas ensuring a comfortable and hygienic environment for residents, workers and shoppers.”



## As an innovative pioneer,

Sika thinks ahead and is committed to a better environment with a sustainable and integrated product approach.

Our products and system solutions contribute very positively to the sustainability of your urban development. Being aware that environmental impact occurs at each stage of a product life cycle, Sika uses a Life Cycle Assessment (LCA) method according to ISO 14040 and European Standard EN15804, to provide a quantitative evaluation of the potential environmental impact of our products over their whole life cycle. Sika works to develop solutions for:

- Energy-efficiency
- Climate protection
- Material-efficiency
- Water-efficiency

All of these can contribute very significantly towards our product and your project's sustainability.

## SIKA AT A GLANCE

17,000+ TEAM MEMBERS

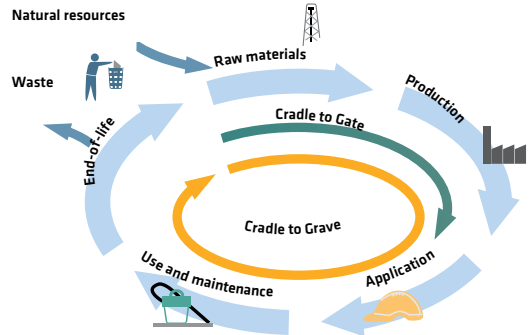
90 COUNTRIES

170 FACTORIES WORLDWIDE

70+ NEW PATENTS 2014

£3.8 BN NET SALES 2014

£115 MILLION SPENT ON R & D



# SUSTAINABLE SOLUTIONS

## OHSAS

18001

Sika has always been a pioneer in supplying solutions to meet the highest environmental standards and participates in green building certification programs, such as LEED, BREEAM and DGNB. Sika is committed to genuinely sustainable building and civil engineering structures and so is also a member of the World Business Council for Sustainable Development (WBCSD), the United Nations Environment Programme (UNEP), Sustainable Building Initiative (SBCI), and Responsible Care..





**WHEN FLOORS PERFORM AS  
EFFECTIVELY AS THE STAFF**

# FLOORING

Creative design is essential when delivering a comfortable environment that must also cope with heavy foot traffic, be easy to care for and clean, but still enables you to maximize your aesthetics and design choices.

In a modern urban development, the need to have functionality and also an environment where people feel safe and secure, in order to shop, sleep, work and play, is essential.

Sika has developed a complete range of flooring and wall coating systems that meet performance, durability and aesthetic requirements for all areas within a modern urban development.

Sika's ComfortFloor® systems, Sikafloor® PS23 and PS24, have become the first resin flooring systems to achieve a manufacturer-specific BRE Green Guide Rating, attaining an A+, the highest rating available. This will help design teams to achieve the highest BREEAM score possible for all project types, minimising the environmental impact of any building.

Floors with Sika flooring systems have lower life cycle costs, with easy-clean features and regeneration possibilities, and Sika has developed specially tested flooring systems, which respect the indoor air quality.

Sikafloor® flooring and Sikagard® wall coating systems offer seamless solutions available in a range of colours, surface finishes and textures, which can be tailored to the area in which they are applied, offering designers the ability to be creative and yet practical. The compatibility of Sika's range facilitates the creation of an attractive, pleasant and welcoming interior.

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## TOP BRANDS IN FLOORING

Sikafloor®  
Sika Comfortfloor®  
Sikafloor® PurCem®  
Sika® Decorative Resins  
SikaScreed® HardTop-80  
Sikafloor® Level®

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## MAIN APPLICATION AREAS

**Commercial, public and residential floors**

**Production, process, logistic and storage facilities**

**Food and beverage production facilities**

**Cleanroom floors**

**Floor areas with electrostatic discharge protection**

**Walls and ceilings**

**Cementitious flooring**

**Car park floors**

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Detailed information and references:

[www.sikaflooring.co.uk](http://www.sikaflooring.co.uk)



## BRIDGING THE GAP WITH SIKA SEALANTS

# SEALING & BONDING

## FAÇADES, FENESTRATION AND INSULATING GLASS

Sika has a fantastic range of high performance structural adhesive systems for glazed and panel façades.

Sika can provide structural joint calculations, colour samples, NBS and standard details, registered contractor schemes, site visits, adhesion compatibility testing, in-house or on-site training, technical support and third party accreditation.

Structural adhesives are used for glazed and ventilated façades, rainscreen cladding, membrane joints, balconies and balustrade bonding, laminar bonding of spandrel panels, and window bonding.

Solutions include: secret fixation method for rainscreen cladding, to replace unattractive visible fixings or costly mechanical secret fixing, structural silicones for glazing, allowing an enormous saving impact on material consumption by the use of slimmer frames, creating a more transparent façade, prevention of unwanted water vapour with Sika's membrane and bomb blast resistance.

## JOINT SEALING

Sika provides cost-effective, high performance solutions for all your sealing and weather seal requirements.

Our extensive range of sealants meets the latest CE requirements, and offers solutions for a wide range of applications and substrates, including concrete and composite panels, stone, brickwork, and metal.

Solutions include: elastic sealants for expansion joints and perimeter seals, weather sealants for façades, including natural stone, fire rated and acoustic sealants, ideal when specific ratings are required, sanitary, anti-bacterial and hygienic sealants, anti-pick solutions, and general elastic adhesives.

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### TOP BRANDS IN SEALING & BONDING

Sikaflex®

SikaBond®

SikaHyflex®

Sikasil®

SikaTack® Panel

SikaMembran®

Sika Boom®



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### MAIN APPLICATION AREAS

Building envelope solutions

Civil engineering and floor joints

Floor covering solutions

Interior finishing

Universal bonding

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Detailed information and references:

[www.sika.co.uk](http://www.sika.co.uk)



HEALTHY ROOFS  
HEALTHY STRUCTURES

# ROOFING

A long-lasting watertight roof is essential for the reliable operation and sustainability of a building. Sika produces high quality and long-lasting solutions including the market leading ranges.

Sika® Sarnafil®, Sika-Trocal®, and Sika® Liquid Plastics Decothane® range of membranes meet the specific needs and budget requirements for your urban developments.

Sika offers systems for a range of applications including exposed roofs, helipads, congested roof areas, conventional gravel ballasted roofing systems, green roofs, solar roofs, balconies, and flat roofs. Where urban facilities are being extended, Sika offers solutions ideal for refurbishing the life of existing urban facility roofs with appropriate systems. This is often much more economical than completely roofing or effectively re-building.

Compared to traditional bitumen roofing, Sika's full range of mechanically fastened or adhered single ply membranes and Sika® Liquid Plastics range of liquid membrane systems have many potential advantages, including longer life-expectancy, flame-free application, energy-smart light coloured reflective membranes, lower additional loadings, and considerably higher flexibility and elasticity, particularly at low temperatures. Sika roofing solutions are therefore provided with comprehensive guarantees for years of increased service life. Sika offers expert advice in selecting the most appropriate roofing system, including specific project surveys and assessments.

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#### TOP BRANDS IN ROOFING

Sika® Liquid Plastics  
Sika® Sarnafil®  
Sika-Trocal®

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#### MAIN APPLICATION AREAS

Exposed roofs  
Liquid applied membranes  
Ballasted roofs  
Inverted roofs  
Green roof systems  
Solar roofs  
Aesthetic roofs  
Balconies



Liquid Plastics

**Sarnafil®**

**Sika-Trocal®**

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Detailed information and references:

[www.sarnafil.co.uk](http://www.sarnafil.co.uk)

[www.sikatrocal.co.uk](http://www.sikatrocal.co.uk)

[www.liquidplastics.co.uk](http://www.liquidplastics.co.uk)



**WHEN STRUCTURES STAY  
WATERTIGHT FOR GOOD**

# WATERPROOFING

Belowground areas are frequently used for essential service functions such as parking garages, plant rooms, storage and laundry areas.

However, now that space is at such a premium, basements are being utilised as retail units, apartments, offices, computer centres, garages, gyms, and bars. The need to ensure the structure is totally watertight in these cases is imperative.

Belowground structures are constantly exposed to potential water ingress and rarely have an opportunity to fully dry out. Penetrations through basement floors and walls, and any movement, construction or connection joints, can all provide an easy path for water infiltration. Leaks can also arise following defects, errors, or damage in construction.

The managed supervision and construction of watertight basements, and other belowground structures, is critical for durable, long term service and function, as is the selection of the most appropriate water-proofing concept and system.

Sika can provide expert advice, and support your watertight construction project, from the earliest stages in the design and throughout site construction and quality control, to final completion and acceptance on site. Sika offers complete solutions for the successful waterproofing and protection of basements and belowground structures, including the innovative SikaProof® fully bonded sheet membrane system, the Sikaplan® membrane and waterbar system, rigid waterproofing systems, consisting of Sika® Watertight Concrete using admixtures, Sikalastic®-PU/PUREA based liquid applied membrane systems, and Sika Igoflex® and Sika® Bituseal bitumen based coatings and membranes.

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## TOP BRANDS IN WATERPROOFING

Sikaplan®  
SikaProof®  
Sikadur-Combiflex®  
Sika Waterbar®  
Sika® Injection  
SikaTop®  
Sika®-1  
SikaFuko®  
SikaSwell®

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## MAIN APPLICATION AREAS

**Basements**  
**Walkways and bridges**  
**Potable water and wastewater storage**  
**Pits and ponds**  
**Lift pits**

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Detailed information and references:

[www.sikawaterproofing.co.uk](http://www.sikawaterproofing.co.uk)



# BUILDING TRUST SINCE 1910

SIKA HAS BEEN PROVIDING  
WATERPROOFING 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

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 THEIR COMPLETE LIFETIME

WITH

## 84 AWARDS

IN 16 YEARS, SIKA IS THE COMPANY WITH THE  
MOST CONCRETE REPAIR PROJECTS AWARDED  
WORLDWIDE

THANKS TO SIKA'S RANGE OF WATER REDUCERS OVER

## 25,000 MILLION LITRES OF WATER

ARE SAVED ANNUALLY IN CONCRETE PRODUCTION



## MEET THE TEAM



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BUILDING TRUST

