



# Sika Solutions for Hotels

## From the Basement to the Roof



Innovation & Consistency | since 1910



**Rocco Forte Hotel Cardiff, England**

The flat roof part of this hotel is waterproofed with Sika Sarnafil membrane.  
In total 3000 m<sup>2</sup> of flexible membranes protect the building over long-term period from water ingress.



# Sika Solutions for Hotels

## From the Basement to the Roof



Quality concrete production solutions



Waterproofing solutions



Flooring and coating solutions



Wood floor bonding and interior finishing

## Content

<b>Sika – The Global Leader in Speciality Chemicals for Stadium Construction</b>	<b>4</b>
<b>Sika Solutions for Concrete Production</b>	<b>6</b>
<b>Sika Solutions for Waterproofing of Basements</b>	<b>8</b>
<b>Sika Solutions for Waterproofing of Swimming Pools</b>	<b>10</b>
<b>Sika Solutions for Waterproofing of Wet Rooms</b>	<b>12</b>
<b>Sika Solution for Car park Decks</b>	<b>14</b>
<b>Sika Solutions for Comfort Rooms</b>	<b>16</b>
<b>Sika Solutions for Utility Rooms</b>	<b>18</b>
<b>Sika Solutions for Joint Sealing, Structural Glazing and Panel Bonding</b>	<b>20</b>
<b>Sika Solutions for Roofing</b>	<b>22</b>
<b>Sika Solutions for Concrete repair, Protection and Strengthening</b>	<b>24</b>
<b>Maintenance and Life cycle Management in Hotels</b>	<b>26</b>





The Headquarter of Sika Switzerland  
Zurich, Switzerland



# Sika – The Global Leader in Speciality Chemicals for Hotel Construction



Sika was founded in Zurich in 1910



Efficient logistics and local availability



Innovative material technologies



Focus on sustainability

## A Company with 100 Years of History

The history of Sika began in 1910, when Kaspar Winkler developed and provided a completely new solution for chemically waterproofing cement mortars and concretes, for the Gotthard rail tunnel running through the Swiss Alps. Today Sika is the global technology and market leader in speciality chemicals for construction and industry, providing complete systems and problem solutions. Sika personnel are active, and our products are in use, on all of the continents around the world, with subsidiary companies in more than 70 countries.

## Innovation and Technology

Sika is a pioneer in technology and innovations to meet global challenges. Sika's Research & Development departments consist of coordinated central and regional facilities around the world, working to meet specific market and customer requirements on global, regional and national levels, plus to facilitate cost-optimisation of manufacturing for effective market pricing.

All research programmes are aligned with the core competencies of Sika and focus on solutions for concrete production, waterproofing, roofing, flooring, sealing, bonding, grouting, reinforcing, concrete repair and protection, plus structural glazing.

## Efficient Supply Chain

Sika's Operations Department manages our extended global supply chain. This includes procurement of the best available raw materials at competitive prices and product manufacturing to the highest quality standards. Sika Operations develops innovative intelligent packaging and manages logistics for reliable on-time supply to our customers worldwide.

## High Quality Construction Solutions

Sika provides intelligent solutions with advanced technologies, efficient service and unique expertise. There are numerous successful stadium reference projects all over the world. Sika is renowned for high quality construction solutions which meet the latest proven tests, standards and building regulations, to provide almost unlimited possibilities for stadium design.



## The No. 1 Global Market Leader – Focused on Successful Partnerships

Sika, as a full range supplier for stadium construction regards all of our customers as business partners, including stadium owners, their architects and engineers, contractors and distributors. To help our customers be successful, Sika aims to create added values to mutual benefit along the whole of the project value chain, from conceptual design possibilities, to ease of eventual maintenance. Sika's sales and technical service teams are available for customer support throughout every phase of the construction process: from the initial outline design phase, the detailed design phase and the project planning phase, to on-site execution, quality control, finishing and final handover. Sika also provides tailor-made guarantees and maintenance plans for extra reassurance. Sika is well positioned with the necessary technical capabilities and resources to supply these additional services to all of our customers.

## A Strong Sense of Social Responsibility

Sika actively follows and promotes the use of the highest health and safety standards for our people and our customers. Sika has been involved in The Chemical Industry's Responsible Care® Programme since 1992 and also contributes locally to many local social programmes. The Romuald Burkard Foundation was established in 2005 by our majority shareholding family, the descendants of Kasper Winkler, to provide direct support to selected social and ecologically focussed projects, particularly in emerging countries.



## Active Contribution to a Sustainable Environment

Sustainability and a better environment are always a key focus of Sika's technology research and development. Some typical examples are contributions to green roof development and higher standards for low VOC flooring and coating products. Sika adhesives for solar panel installations and wind power generators are contributing to the production of cleaner energy, concrete admixtures reduce water consumption and CO<sub>2</sub> emissions to improve the efficiency of concrete production. In addition, Sika is a member of different environmental organizations including UNEP (United Nations Environment Programme), SBCI (Sustainable Buildings and Construction Initiative) and the USGBC (United States Green Building Council). Sika constantly supports different world wide green projects, for example the international "Living Lakes" network organized by the Global Nature Fund.





**The Venetian Macau**  
From the basement to the roof, Sika admixtures provide quality-creating conditions for optimal use of the property.



# Sika Solutions for Hotels

## Concrete Production



Ready-mix concrete production



Site batched concrete production



Special concrete applications



Semi-dry concrete production

### Main Market Competence

Wherever a Hotel is being constructed with reinforced concrete, Sika has a well proven track record and is the reliable supplier for ready-mix producers; precast manufacturers and site batched concrete producers. With innovative admixtures and additives to improve cement and concrete quality, aesthetic workability, performance, Sika has an extensive product range with cost effective solutions approved according to national and international standards.

### Technology and Quality

Since 1910, Sika has always been at the forefront of concrete technology with quality solutions for all types of concreting applications and cement based product improvements. As the technology leader, Sika strives for continual improvement and to meet new market needs, ecological demands and regulations. Sika's recent successful developments include **Sika® ViscoCrete®** technology which improves almost all of the properties and increases the performance of both fresh and hardened concrete.

### Unique Services and Support

- Concrete mix design
- Laboratory and field testing support
- Admixture dispensing and dosing solutions

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
<b>Water Reducing Admixtures</b>	Sika® ViscoCrete®	Highly efficient superplasticizer based on polycarboxylate.
	Sikaplast®	High plasticising power, extended workability and efficiency.
	Sikament®	Conventional superplasticizer for a wide range of applications.
<b>Set Controlling Admixtures</b>	Sika® Retarder®	Strong retarding effects. Set retardation > 24 hrs possible dependent on the placing conditions and mix design.
	SikaTard®	Long time consistency stabilization for sprayed concrete by controlling the cement hydration.
	SikaRapid®	Significant early age strength increase during the setting or hardening phases.
<b>Durability Enhancing Admixtures</b>	Sika® Control	Strong reductions in concrete shrinkage. Up to 40% is possible.
	Sika® FerroGard®	Admixtures allowing prevention or significant reduction of reinforcement corrosion.
	SikaAer®	Capability to control defined properties of air bubbles, to improve workability and frost resistance.
	SikaFume®	Silica fume based, for significant improvement in strength and durability.
<b>Concreting Essentials</b>	Sika® Separol	Mould release and separating agent.
	Sika® Antisol®	Liquid curing agent.

### The Venetian Macau

**Project:** The Venetian – the largest casino in the world. Including casino, sports stadium, congress center many restaurants and a hotel with 3000 suites.

**Sika solutions:** Sika admixtures **Sika® ViscoCrete®**: provide quality for 350'000 m<sup>3</sup> concrete on which dreams are build from the basement throughout the roof.





**Rixos Hotel Dubai**  
In total 28'000 m<sup>2</sup> of basement waterproofing were realized  
with SikaPlan membranes for the Rixos Hotel, Dubai, UAE



# Sika Solutions for Hotels

## Waterproofing of Basement



Membranes for basement waterproofing



Watertight concrete for basement waterproofing



Watertight crack sealing by injection



Waterstops for integral joint waterproofing

### Main Market Competence

Hotels are complex structures with many specific requirements for water tightness in ground areas including car parks, kitchens facilities, storage areas, integrated commercial areas, back offices, equipment rooms etc. Sika provides cost effective watertight solutions for the most challenging of these requirements, right down to the very last detail.

### Technology and Quality

Sika is the world's leading waterproofing company and has been producing high quality waterproofing products since 1910. Sika's waterproofing technologies include: the integrated "White Box" concept of watertight concrete, combined with joint waterproofing; special joint sealing systems for precast concrete elements; flexible PVC and FPO sheet waterproofing membranes with the unique "compartment system" for controlled waterproofing; plus waterproof polyurea, polyurethane and epoxy coatings, injection systems; mortars and renders, with all necessary accessories – Complete Sika Waterproofing Solutions.

### Unique Services and Support

- Analysis of leaks in existing structures
- Complete specifications and detailing
- Factory made custom solutions
- Application training and on-site support
- Proven quality control systems
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
<b>Watertight Concrete "White Box": Waterproofing Concrete and Mortars</b>	Sika® ViscoCrete®	Highly efficient superplasticizers based on polycarboxylate resins.
	Sika® 1	Capillary pore blocking admixture for waterproofing concrete and mortars including waterproof rendering.
<b>Watertight Joint Sealing</b>	Sika® & Tricosal® Waterbars	Waterstops for construction and expansion joints, based on elastomeric materials, PVC / FPO / Tricomer.
	SikaFuko®	Re-injectable injection hoses for construction joints and as back-up waterproofing systems.
	SikaSwell®	Range of hydrophilic profiles and sealants for sealing construction joints and around penetrations.
	Sikadur® Combiflex® and Sika® Dilatec®	Multi-purpose waterproof joint sealing tape systems suitable for bonding to concrete, steel, stone, etc. – for joints, cracks and terminations.
<b>Sheet Waterproofing Membranes</b>	Sikaplan® WP / WT Systems	Flexible synthetic PVC and FPO based sheet waterproofing membranes, for waterproofing large scale basements, tunnels and water retaining structures, including all necessary detailing accessories.
<b>Injection</b>	Sika® InjectoCem	Cement and hybrid injection waterproofing materials.
	Sika® Injection series	Acrylic and polyurethane flexible injection foams and resins.
	Sikadur®	Epoxy resins for watertight structural injection and bonding.
<b>Liquid Applied Membranes</b>	Sikalastic® 800 range	High performance polyurethane and polyurea based, liquid applied waterproofing membranes.
<b>Watertight Mortars</b>	Sika® -101/102 HD	1-Component high density thin layer protective sealing mortar. With drinking water approvals.
	SikaTop® Seal-107/207	2-Component flexible waterproofing slurry mortars. Hand or spray applied. With drinking water approvals.

### Angelo Hotel Ekaterinburg, Russia

**Project:** Angelo Airport Hotel offers 211 guests rooms and is joined with the Koltsovo Airport.

**Requirements and Sika Solution:** Watertight engineering design for the basement was realized with **Sikaplan®** membranes and **Sika® Waterbars**.





**Hotel Torre Icon**  
Sika Waterproofing solution with Sikalastic for swimming  
pools used for the Hotel Torre Icon, Jalisco Mexico



# Sika Solutions for Hotels

## Waterproofing of Swimming Pools



Sikaplan sheet membranes for waterproofing



Waterproofing mortars



Tile adhesives for swimmingpools



Waterproofing with flexible Sikaplan

### Main Market Competence

Swimming pools in Hotels have to meet several requirements. Long lasting solutions that require minimized maintenance are demanded by Hotel owners. Aesthetical and save solutions are demanded by architects and specifiers. Sika can provide comprehensive solutions with a variety of solutions.

### Technology and Quality

Sika, the world's leading waterproofing company has been producing innovative and high quality waterproofing products since 1910. Sika's waterproofing technologies include: Waterproofing with membranes, watertight mortars and watertight concrete. Additional products as sealants and accessories complete the product range.

### Unique Services and Support

- Wide range of tailor-made guarantee concepts
- Complete specifications and detailing
- Application training and on-site support
- Proven Quality Control systems

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
<b>Flexible Sikaplan sheet membranes</b>	Sikaplan® WP range	Waterproofing and finishing in one application. Loosely installed flexible membranes are welded on spot and fixed around the side. Can be applied over almost all surfaces; without substrate preparation. Ideal for new and refurbishment jobs
<b>Water proofing Mortars</b>	SikaTopseal® 107 Sikalastic® mortars	Waterproofing with special mortar coatings. One, two, rigid, flexible systems are available
<b>Tile adhesives</b>	Sika Ceram range	Product range for tile bonding, waterproofing and tile grouting of swimming pools
<b>Sealants</b>	Sikasil® Pool Sikaflex®-T6	Special silicone based sealant for swimming pools and permanent wet areas Sealant teak and other deck of wetrooms, swimmingpool fringes

### Hotel Tegiuise, Lanzarote Canary Island ES

**Project:** Tegiuise Hotel on the island Lanzarote (ES) offers 314 rooms and belongs to the Occidental Hotel chain. The hotel has two whole year used salt water swimming pools.

**Requirements and Sika Solution:** The swimming pool lining was done with 600 m<sup>2</sup> **Sikaplan®** sheet membranes which perfectly withstand the 365 days / year salt water immersion.





**Resort Hotel Intercontinental Germany**

In order to avoid contamination from the kitchen into the rooms below - 1000 m<sup>2</sup> Sikaplan membranes were installed beneath the tiles in the Kitchen.



# Sika Solutions for Hotels

## Waterproofing of Wet Rooms



Waterproofing of wet rooms



Waterproofing coatings



Sealants for waterproofing



Decorative and protective coatings

### Main Market Competence

In Hotels wet rooms are everywhere and are exposed to many different exposures. Bathrooms, Kitchens, storage rooms, Spa's etc. all experience different types of exposure. Sika can offer a wide range of watertight, water permeable systems. These long lasting products lower your life cycle costs and reduce maintenance.

### Technology and Quality

Sika can offer you all available technologies for wet rooms. Flexible water proofing membranes, watertight mortars, all types of sealing technologies, tapes etc. These high quality products are compatible and fulfill the latest standards.

### Unique Services and Support

- Complete specifications and detailing
- Innovative application equipment
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
<b>Flexible Sikaplan sheet liners</b>	Sikaplan® WP range	Waterproofing of floors in industrial kitchens, laundries, storage rooms against ingress from spilling
<b>Water proofing Mortars</b>	SikaTopseal® 107 Sikalastic® mortars	Waterproofing of floors and walls in toilets, restrooms etc. with special mortar coatings. One, two, rigid, flexible systems are available
<b>Water proofing coating</b>	Sikalastic®-200 W	Elastic coating waterproofing membrane on indoor walls and floors in humid premises as bathrooms, steam baths, saunas, gyms and so forth
<b>Tile adhesives</b>	Sikaceram® range SikaBond®-T8	Product range for tile bonding, waterproofing and tile grouting of swimming pools Flexible waterproofing and tile bonding with one product
<b>Sealants / others</b>	Sikasil® /Sanisil® Sikaseal® Tape S	Fungicide containing sealants provide long term aestical joints System compatible Tapes for joint and gap sealing in wet rooms

### Hotel Intercontinental, Berchtesgaden, Germany

**Project:** The 5 star resort hotel is situated in the beautiful scenery of the alps between Germany and Austria. The hotel offers 138 Guest rooms and many amenities.

**Requirements and Sika Solutions:** 1000 m<sup>2</sup> floor lining with **Sikaplan®** are installed under the kitchen tiles in order to prevent damage from leaking / spilling oil / grease from the food processing kitchen work.





**Hotel Novotel, Switzerland**  
3300m<sup>2</sup> of **Sikafloor**<sup>®</sup> solution were installed in the car park of the Novotel Hotel in Geneva.



# Sika Solutions for Hotels

## Car Park Decks



Flooring for logistics and storage areas



Flooring in car parking areas



Flooring in car park decks



Flooring for vomitories and stairways

### Main Market Competence

When travelling by car, the first impression Hotel guest experience is car park. Sika's strength in flooring and coating is the wide range of solutions designed to create those positive feelings when accessing the parking garage. Sika's car park systems provide this bright aesthetic appearance, but also other important features such as durability, ease of maintenance and clean ability. In addition to flooring products Sika also offers resin coatings to protect and enhance various wall surfaces. In general, Sika's flooring and coating solutions focus on efficient construction in the shortest possible time with optimized life cycle costing, but taking ecological health and safety aspects into account.

### Technology and Quality

Sika flooring and wall coating solutions are based on a great variety of technologies including epoxy, polyurethane and PMMA resins. We also offer combinations such as polyurethane cement or epoxy cement to address specific needs and requirements. The car park flooring systems supplied by Sika are tested and certified according to different standards, e.g. German standard OS 11; OS 8. Those standards specify the abrasion and the slip resistance of the floor surface. For fast repair and refurbishment (short down time) the special Sikafloor Pronto systems shows the best Results.

### Unique Services and Support

- Complete specifications and detailing
- Application training and on-site support
- Innovative application equipment
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
<b>System for occupied Premises</b>	Sikafloor®-156 Primer	High mechanical resistant, crack bridging flooring systems. Dynamic loads down to -20°C, Water proof layer; UV stable, Coloured
	Sikafloor®- 350 base layer (broadcasted)	
	Sikafloor®- 359 N sealer	
<b>System for Top Decks and Exposed Areas</b>	Sikafloor®-156 Primer	Dynamic crack bridging system, Waterproofing layer, UV-stable, Meets German Standard OS-11b, Coloured
	Sikafloor®- 350 base layer (broadcasted)	
	Sikafloor®- 359 N sealer	
<b>System for Intermediate Decks / ground Bearing Slaps</b>	Sikafloor®-161	Waterproof, abrasion resistant systems High aesthetic system
	Sikafloor®- 325 SL (broadcasted)	
	SR-264	
<b>Systems for Ramps</b>	Sikafloor®-161	Static crack bridging , Waterproof High abrasion resistant UV-resistant
	Sikafloor®-325	
	Sikafloor®-359 N	
<b>System for Entrance Areas, Walkways and Staircases</b>	Sikafloor®-161	Easy Cleaning, Slip resistant, Coloured
	Sikafloor®-262	
	Sikagard®-Wallcoat systems	
<b>Wall coating Systems</b>		Coloured, Easy to clean, Good opacity
<b>Floor Joints</b>	Sikaflex® PRO-3WF / Sikaflex® PRO-3 SL / Sikaflex®-Floor	High performance 1-component PU sealant with outstanding mechanical and chemical resistance, ideal for all kinds of floor joints.

### Radisson SAS Royal, Ireland

**Project:** The Radisson SAS Royal Hotel is situated in the centre of Dublin. The user friendly, secure basement car park for up to 60 cars is often the first location for a visitor who comes to the hotel.

**Sika Solutions:** To produce a light and safe parking area **Sika**® coating systems were chosen with high standard to complement the hotel itself. 4'000 m<sup>2</sup> of **Sikafloor**®-261 intermediate decking systems was laid. The walls and columns were coated with 3'000 m<sup>2</sup> of **Sikafloor**® **Esastocolor W**, a flexible, anticarbonation protective concrete coating.





**Hotel Sofitel Stephansdom, Vienna, Austria**

The decorative, hygienic and sound dampening **Sikafloor®-Comfort system** is installed in the luxury and modern guest rooms. The walls are coated with the **Sikagard®-Wallcoat system**.





# Sika Solutions for Hotels

## Comfort Rooms



Wood floor bonding for all types of rooms and uses



Noise reduction with Sika AcouBond



Beautiful and exclusive solutions with SikaBond



Aesthetical solutions with Sika Comfort Floors

### Main Market Competence

Highly aesthetic appearance and sound dampening combined with easy clean ability and low maintenance efforts are key criteria for comfort floors. The system used for comfort floors are required to fulfil indoor air quality guidelines and regulations which may differ from country to country. SikaBond® elastic wood floor adhesives and Sikafloor® Comfort Systems are the solutions of choice to meet all above mentioned requirements.

### Technology and Quality

Sika can offer a wide range of products and systems for the use in comfort rooms. Ranking from different wood flooring installation systems to Sika's ComfortFloor - which allows great design possibilities with a seamless installation – reducing the sound transmission to a great extent.

Sika wood floor bonding solutions use 1 component PU and AT technologies which fulfil the highest emission class (EC-1 plus) and allow a high design creativity. The Sika AcouBond system reduces the impact and ambient sound at the same time to great extent.

The Sika-ComfortFloor range combines individual design with comfort and care. These

floors offer a durable and easy to clean surface with an excellent walking comfort. Furthermore, sound dampening properties reducing the foot-fall noise. Naturally, the Sika-ComfortFloors have been tested and approved to the most stringent global standards measuring VOC emissions, such as LEED, AgBB, AFSSET, M1 etc.

### Unique Services and Support

- Complete specifications and detailing
- Application training and on-site support
- Innovative application equipment
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
Wood Floor Bonding	SikaBond® range	Elastic and durable bonding of all wood floors. Fast, cost effective application with Sika's patented dispensers.
	Sika® AcouBond® system	Unique system combining elastic bonding with significant reduction of impact sound.
Comfort floor	Sikafloor®-Comfort system	Smooth, low VOC decorative Comfort Floor. Noise-absorbent and sound insulating properties. Meets Indoor Air Quality standards.
Wall Coatings	Sikagard®-Wallcoat systems	High solids or water borne resin coatings for all types of wall protection. From decorative treatments to special hygienic requirements.

### Sofitel La Reserva Cardales Hotel, Argentina

**Project:** New luxury hotel complex from Accor Hotel Group with 159 luxury rooms. The total wood floor area is more than 12'000 m<sup>2</sup> of pleasing visual appearance.

**Requirements:** Durable and long lasting beauty of the wood Floors were very important to the owners as well as a good reduction of the impact and air borne noise.

**Sika Solutions:** The wet and weak subfloor was primed with **Sika® Primer MB** which is an ideal solution for these problems. The wood floor was installed with the elastic **Sika SikaBond®-T53** and **SikaBond®-T55** adhesives which reduce impact and air borne noise at the same time.





**Pilger, Germany**  
In total 1600 m<sup>2</sup> of Sikafloor were installed in the food processing area. Thereof 600 m<sup>2</sup> of **Sikafloor® PurCem** is installed where high temperature resistance is required.



# Sika Solutions for Hotels

## Utility Rooms



Floors for food storage areas



Storage rooms



Floors for food processing areas



Kitchens

### Main Market Competence

Light, aesthetic, easy to clean, low maintenance effort and costs are the key criteria's for the flooring systems applied in utility rooms. High temperature resistance is often also a requirement in different utility rooms found in hotels. Flooring systems have to fulfil the "indoor air quality guidelines", which can differ in the various countries. Sika flooring systems are approved according the main regional standards. Sika also provides resin coatings to protect and enhance different wall surfaces, which can also be decorative and with special hygiene or cleaning requirements.

### Technology and Quality

Sika flooring solutions are based on many different technologies: Epoxy, PUR and PMMA resins; the combination of different technologies, e.g. PU / Cement or EP / Cement to produce custom solutions for the requirements in all of a hotel's different areas.

### Unique Services and Support

- Complete specifications and detailing
- Application training and on-site support
- Innovative application equipments
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
Storage/Logistics/Food Areas	Sikafloor®-2530	Water dispersed epoxy based floor coating for smooth floors. Rapid drying and easily maintained – VOC free in application
	Sikafloor® PuCem/Pronto	Food stuff compliant systems
Training and Fitness Rooms	Sikafloor®-Comfort system	Decorative comfort floor. Meets Indoor Air Quality standards.
Commercial Areas / Restaurants	Sikafloor®-Comfort system	Smooth, low VOC decorative Comfort Floor. Noise-absorbent and sound insulating properties. Meets Indoor Air Quality standards.
Wall Coatings	Sikagard®-Wallcoat systems	High solids or water borne resin coatings for all types of wall protection. From decorative treatments to special hygienic requirements.

### Fuddruckers Restaurant, Denton, Texas, USA

**Project:** Fuddruckers is a restaurant chain making and selling Hamburgers in the US. A new floor was installed in the kitchen, entrance and queue lines.

**Requirements:** Resistance and suitability for usual kitchen environment (food products, grease spills, frequent hot water wash-downs with industrial grade degreaser detergent) and entrance and queue line subject to frequent foot traffic and daily cleaning.

**Sika Solution:** Kitchen area: **Sikafloor®-22N PurCem®** medium to heavy duty, self levelling broadcast screed and **Sikafloor®-29N PurCem®** coving and detailing mortar and **Sikafloor®-31N PurCem®**, solvent free, matt finish coating. The entrance and queue line area **Sikafloor®-261** with decorative flake system and company logo, sealed with **Sikafloor®-2002** and **Sikafloor® Polythane UV**.





**Hotel Vela, Barcelona, Spain**  
This impressive façade of the new hotel Vela was entirely bonded and sealed with Sika's structural glazing weatherproofing products.



# Sika Solutions for Hotels

## Joint Sealing, Structural Glazing and Panel Bonding



Sealing of stone, brick and concrete joints



Sealing of glass façades



Sealing of connection joints around windows and doors



Sealing of floor joints in carparks and elsewhere

### Main Market Competence

Joint sealants play a very important role in every hotel building: they prevent the passage of air and water, they provide thermal and sound insulation and they enhance the visual appearance of the whole construction.

Depending on the location of the joint somewhere on the building envelope, on floors or connections inside of rooms – the exposure to various environmental conditions and loads may vary. For each and every type of joint and exposure level Sika can offer proven and reliable solutions that ensure longevity. Sika's full range of sealants offers superior durability through excellent mechanical properties, weathering and UV resistance.

### Technology and Quality

Sika is a global leader in sealant technologies ranging from polyurethanes to silicones, acrylics and hybrids. Our current product range reflects more than 60 years of joint sealing experience and expertise in development, manufacturing and application of all of the above mentioned technologies. Together with ancillary products such as cleaners and primers and with Sika's local support you will always get the most comprehensive, secure and cost efficient solutions that complies with national and international standards.

### Unique Services and Support

- Complete and compatible solutions and specifications
- Technical support and detailing
- Tested adhesion, compatibility and performance
- Compatible to other Sika Systems e.g. **Sikafloor**®, **Sikaplan**® and **Sarnafil**®
- Application training and on-site support
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics and Advantages
<b>Floor Joints</b>	Sikaflex® PRO-3WF / Sikaflex® PRO-3 SL / Sikaflex®-Floor	High performance 1-component PU sealant with outstanding mechanical and chemical resistance, ideal for all kinds of floor joints.
<b>Connection joints</b>	Sikaflex®-AT Connection	1-component Sealant, to seal all kinds of connection joints between different construction materials and components.
	Sikaflex®-Construction	1-component PU Sealant for limited movement joints and connection joints with high adhesion to concrete.
<b>Façade Joints</b>	Sikaflex®-AT Façade	1-component high quality AT sealant for movement joints in façades, also ideal for non-porous substrates.
	Sikaflex® PRO-2HP	1-component PU sealant for movement joints in façades and ideal for joints between precast concrete elements.
<b>Structural Glazing</b>	Sikasil® SG-500	2-component Silicon adhesive for structural bonding of glass. Machine application and fast curing properties.
	Sikasil® SG-18/Sikasil® SG-20	1-component Silicone adhesives for structural bonding of glass. Hand applied for on-site glazing repair.
<b>Weather Sealing</b>	Sikasil® WS-605 S Sikasil® WS-305 CN	1-component UV and weather resistant Silicone sealants for glass and metal façades.
	Sikasil® WS-355	1-component non-staining, UV and weather resistant Silicone sealant for natural stone façades and walls.
<b>Water &amp; Vapour Proofing</b>	SikaMembran® system	EPDM membrane system for vapour proofing of façades in all climatic conditions. Easy application with high strength adhesive SikaBond®-TF plus N.
<b>Panel Bonding</b>	SikaTack®-Panel system	1-component PU System consisting of PU adhesive, spacer tape and surface pretreatment products, for flexible bonding of non-glass façade panels.
<b>Sanitary and Wet Room Joints</b>	Sikasil® / Sanisil®	1-component silicone sealants for joints in "wet rooms" and around sanitary ware.

### NH Airport Hotel Brussels

**Project:** This conference Hotel is closely situated to the airport of Brussels and the NATO head quarter. It is specialized on conferences and meetings. The representative façade is made of natural stone.

**Sika Solution:** 13'000 m<sup>2</sup> façade joint sealing between the natural stone elements with **Sikaflex® PRO-2HP** which assures a high movement capability and best weather ability.







**Saffire Freycinet Resort Tasmania, Australia**

The high requirements regarding aesthetics and design possibilities were made possible for this very complex roof shape with Sika Adhered membranes solution.



# Sika Solutions for Hotels

## Roofing



Roofing for solar roofs



Roofing for gravel ballasted roofs



Roofing for green roofs



Roofing for exposed roofs

### Main Market Competence

Hotel roofs do not only need to be waterproof and durable to withstanding the external exposure and physical stresses, they must also fulfil the architects' design requirements in terms of shape, colour and overall aesthetics. Sika has long term experience from around the world in providing innovative solutions both for new built modern roofs and for complicated roof renovation projects. Almost any design idea can be realized by utilizing the innovative Sika roofing solutions.

### Technology and Quality

Sika is the clear global leader in roof waterproofing technologies, which include the proven high quality sheet membranes (PVC and FPO based) and liquid membranes based on Sika's high-performance Polyurethane Moisture Triggered Chemistry (MTC). Sika also provides an extensive range of ancillary roofing products, accessories and equipment which are also essential components for ensuring the long-term performance of the roof. Sika has an unbeatable track record in supplying secure, cost effective, innovative and durable waterproofing systems for Hotels.

### Unique Services and Support

- Total design flexibility in shape form and colour, even graphics and logos!
- Complete systems including all necessary components and accessories
- Tailor-made guarantees
- Wind load calculations
- Detailed roof structure analyses
- Individual specifications and CAD details
- Specialised installation equipments
- Practical installation training and on-site support
- Roof life cycle optimisation

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions			Main Characteristics and Advantages
	Product	Material	Application	
Exposed Roofs	Sikaplan® G / VG / VGWT	PVC	MF	Fast and less weather dependant installation, high vapour permeability.
	Sikaplan® SGK	PVC	A	Economical adhered solution, partial bond to substrate, fast adhesive application in strips.
	Samafil® S327	PVC	MF	Wide colour range, lacquered surface prevents soiling, fastest and less weather dependant installation, high vapour permeability.
	Samafil® G410 / 410 Felt	PVC	A	High aesthetics and design possibilities, wide colour range, full adhesion to substrate, limited lateral underflow, lacquered surface.
	Samafil® TS77	FPO	MF	High chemical resistance, direct application on XPS/EPS insulation and bitumen, highly ecological, highly durable due to plasticizer free formulation.
	Samafil® TG76 Felt	FPO	A	Full adhesion to substrate, high chemical resistance, direct application on XPS/EPS and bitumen, highly ecological, highly durable due to plasticizer free formulation.
	SikaRoof® MTC (Sikalastic®)	1-C PU	LA	Full adhesion to substrate, easy detailing, simple roller application, MTC technology, high vapour permeability.
Gravel Ballasted / Green / Utility Deck Roofs	Sikaplan® SGmA	PVC	LL	Fast loosely laid application, highly elastic product – easy to handle and weld, root resistant.
	Samafil® TG66	FPO	LL	High chemical resistance, direct application on XPS/EPS and bitumen, highly ecological, root resistant, highly durable due to plasticizer free formulation.
	SikaRoof® MTC Ballast (Sikalastic®)	1-C PU	LA	Full adhesion to substrate, no lateral underflow, simple roller application, root resistant, MTC technology.

PVC - Plasticized polyvinylchloride FPO - Flexible polyolefins (polypropylene or polyethylene basis) A - Adhered MF - Mechanically fastened LL - Loosely laid LA - Liquid Applied

### Hotel Le Blanc, Cancun Mexico

**Project:** The luxury resort located closely to Cancun has 260 guest rooms and is located on one of Mexico's most beautiful private beaches. Because Cancun was hit by a tropical storm which damaged the roof, it had to be changed.

**Sika Solutions:** 1500 m<sup>2</sup> Roof waterproofing with **Sikalastic®**. Furthermore **Sikaflex®** and **SikaMultiSeal®** were used to seal the many various joints and gaps.







#### Hotel Ambassador, Zürich

The basement rooms of the Hotel were totally newly renovated. The proximity to the lake of Zurich made these rooms exposed to high humidity and sometimes water ingress. Special mortars such as Sika Monotop, protective coatings / hydrophobic impregnations such as Sikagard, water proofing tapes as Sikacombiflex and many other products were used to successfully renovate this prestigious hotel in the heart of Zurich





# Sika Solutions for Hotels

## Concrete Repair, Protection and Strengthening



Hand applied mortar



Shear strengthening of beams



Machine applied concrete repairs



Protection of steel reinforcement

### Main Market Competence

Sika is the global market leader in concrete refurbishment, structural strengthening, structural bonding, anchoring and grouting. Careful and sensitive repair of reinforced concrete structures can be carried out with Sika's complete range of **SikaTop®** and **Sika® MonoTop®** repair products. Sika repair systems can be customised to meet many different requirements. For protecting and increasing the durability of exposed concrete surfaces, Sika also provides a full range of **Sikagard®** protective impregnations and coatings.

Sika can also strengthen structures using **Sika® CarboDur®** and **Sika® Wrap®** Carbon fibre reinforcement systems. These have been used worldwide now for almost 20 years and have a proven track-record.

### Technology and Quality

Sika concrete repair, protection, strengthening, bonding and grouting systems are all proven to be superior in terms of performance and on-site application characteristics. The products are used worldwide and meet all relevant national and international regulations and standards. Sika systems add additional value to all new and refurbished hotel projects. Individually designed refurbishment solutions can be supported with any necessary on site testing and quality control procedures to make a successful application. A good quality application and installation will increase performance, durability and longevity of the structure.

### Unique Services and Support

- Survey and analysis of damaged concrete
- Complete specifications and detailing
- Product and system selection
- Application training and on-site support
- Quality control procedures and tools
- Tailor-made guarantees

### Selection of Typical Applications and Sika Solutions

Typical Application	Sika Solutions	Main Characteristics / Advantages
<b>Steel Reinforcement Corrosion Protection</b>	Sika® MonoTop®	1-component cement based product with good resistance to water and chloride penetration.
	SikaTop® Armetec® EpoCem	3-component, high performance corrosion protection based on epoxy.
<b>Repair Mortar</b>	Sika® MonoTop® / SikaTop®	Cement based repair mortars for hand and machine applications.
<b>Protective Coating</b>	Sikagard®	Waterproof acrylic resin based protective coatings for concrete. Excellent combination barrier.
	Sikagard®	Elastic, crack bridging, waterproof protective coating for concrete. Excellent carbonation barrier.
<b>Corrosion Inhibiting Impregnation</b>	Sika® FerroGard®	Special corrosion inhibitor to provide long term protection. Allows cost effective extension of the service life of concrete structures.
<b>Hydrophobic Impregnation</b>	Sikagard®	Silane and siloxane based hydrophobic impregnations to repel water on concrete and other mineral façades. Gel formulations for maximum penetration and higher, more durable protection.
<b>Structural Bonding</b>	Sikadur®	2-component high performance epoxy based adhesives for the structural bonding of concrete, steel, glass, stone, wood and other materials, with excellent workability.
<b>Structural Strengthening</b>	Sika® CarboDur®	State of the Art strengthening systems based on structural epoxy resins, carbon fibre and other composite materials technologies.
	SikaWrap®	Used for the restraint and strengthening of reinforced concrete structures.
<b>Grouting</b>	SikaGrout®	Cementitious grouting systems with minimum shrinkage and high strength.
	Sikadur®	High performance grouts based on modified epoxy resins. No shrinkage, high durability and excellent mechanical strengths and strength correlation.
<b>Anchoring</b>	Sika AnchorFix®	Anchoring adhesives for all kinds of anchoring and fixing applications.

### Hotel Hilton Vienna, Austria

**Project:** The Hilton Hotel is located in Vienna's old city. The hotel "Hilton Vienna" is Austria's biggest Hotel and accommodates 579 Rooms and has 31 exclusive Suites.

**Requirements and Sika Solution:** The façade of the Hotel Hilton in Vienna required a total refurbishment job. The 12'000 m<sup>2</sup> façade were refurbished with **SikaTop® Armetec** and **SikaTop®** and protected against environmental influences with **Sikagard®** (hydrophobic treatment). Furthermore 3000 m<sup>2</sup> CarboDur plates were used to strengthen the park decks. 10'000 linear meters of façade joints were sealed with **Sikaflex® PRO-HP**.



# Maintenance and Life Cycle Management in Hotels

Maintenance, renovation and life cycle management are very important factors when running a hotel. They can become expensive items on your income statement when not given sufficient attention and proper care. High maintenance costs can occur through wrong selection of systems which do not have the required performance to withstand the often severe exposure that occur in hotels - as for instance kitchen floors, entrance halls etc. The systems installed are much decisive of how the maintenance and the life cycle management have to be performed. The key to success lays already in the planning phase with competent consultancy goes on through the proper application of the products, and latter with the correct maintenance of the installed systems. Sika can support you through all different stages..



Sika provides Systems that require lower maintenance



Fast setting products for fast renovations and sooner opening.

## Total Project support:

Sika can support you throughout the entire construction phase for any type of project, new construction or refurbishment / renovation work. From the early planning-stage, during the execution on site until to the start up of your operations.



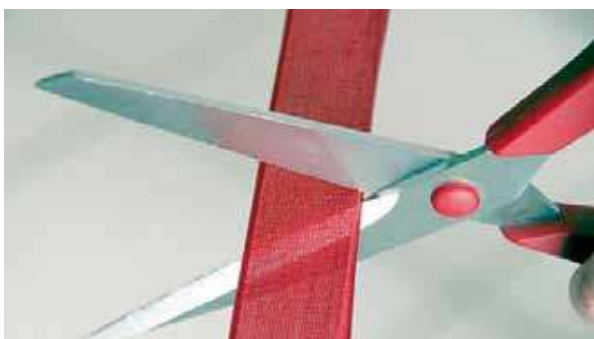
Renovation planning and phases		Details	Material	Me	2013	2014	2015	2016	2017	2018
Activities										
Preparation										
Execution										
Completion										
Handover										
Post-project										

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## New opening: the sooner the better!

Sika always strives to make our customers life's easier. Fast setting products allow a fast workflow – and the work is done in less time which allows earlier completion e.g. re-opening. This applies for all types of building parts from basements to roof; especially in the various room types as kitchen, storage room's guest rooms, restaurants etc.

Of course our products are tested for system compatibility; they require only minimum pre-treatments and produce less dust during application.



Sooner opening with Sika's hassle free system



Sooner opening = earlier cash flow





### Maintenance / extended lifetime:

**Life cycle value:** The use of high quality and durable Sika products extends the time between refurbishment periods. Due to the higher resale value and longer refurbishment periods the depreciation charge on your balance sheet is also less.

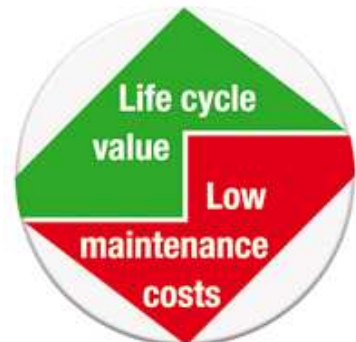
**Maintenance** is also a very important topic when it comes to hotel projects. Sika can offer you a broad range of products that can reduce maintenance to a minimum. From hydrophobic protecting products to highly abrasive sealers which protect the building components from contamination.



Sika's Water and dirt repellent Products keep your surfaces longer free from contamination.....



... and reduce maintenance cost and prolong the lift time.



The use and application of Sika Protective products leads to less frequent maintenance and longer life time.

### ROI-higher resale prices are achieved

**Sold!**



**Total Return on Investment and Cash flows:** Due to faster opening earlier cash flow will be generated, due to less maintenance less cash outflows will be generated. These effects lead to sooner payback times and generate positive Present values. Well preserved hotel that are still in "good condition" will achieve a higher sales price. Durable, long lasting roofs, floors, facades that are good looking and representative will help to sell the project faster and for better prices. The combination of these three factors make the project more profitable for owners and investors.

# Sika Full Range Solutions for Construction

## Concrete Production



**Sika® ViscoCrete®**  
**Sika® Retarder®**  
**Sika® SikaAer®**

## Waterproofing



**Sikaplan®, Sikalastic®**  
**Sika® & Tricosal® Waterstops**  
**Sika® Injection Systems**

## Flooring



**Sikafloor®**  
**SikaBond®**

## Corrosion and Fire Protection



**SikaCor®**  
**Sika® Unitherm®**

## Concrete Repair and Protection



**Sika® MonoTop®**  
**Sikagard®**  
**Sikadur®**

## Structural Strengthening



**Sika® CarboDur®**  
**SikaWrap®**  
**Sikadur®**

## Joint Sealing



**Sikaflex®**  
**Sikasil®**

## Grouting



**Sikadur®**  
**SikaGrout®**

## Roofing



**Sarnafil®**  
**Sikaplan®**  
**SikaRoof® MTC®**

## Also Available from Sika



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 Please consult the Product Data Sheet  
 prior to any use and processing.



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