



BUILDING SOLUTIONS

A SMARTER APPROACH TO BUILDING DESIGN AND CONSTRUCTION

BUILDING TRUST





TABLE OF CONTENTS

3 Building Solutions from Sika

4 Building Envelope

5 Balconies

6 Below Grade Waterproofing

7 Cast-in-Place & Precast Concrete

8 Concrete Repair and Protection

11 Floor Covering Installation

12 Floors & Walls

13 Plaza Decks

14 Roofing

15 Sealants & Adhesives

16 Slab on Ground

17 Vertical Glass

18 Training, Education, & Support

BUILDING SOLUTIONS FROM SIKA



DESIGN AND CONSTRUCTION OF A NEW BUILDING OR STRUCTURE CAN BE A CHALLENGING TASK WITHOUT THE RIGHT PARTNER. Sika is able to provide a team of experts and comprehensive solutions to make the process run more smoothly from initial concept to construction to long term maintenance. From below grade structural systems and waterproofing to the roof, Sika is able to promote single source compatible systems, enhance the appearance of structures and extend the life of a building and many of its core components.

Sika has more than 100 years of experience in developing and producing a wide range of quality products and systems that bond, seal, cover, strengthen, reinforce, repair, and protect every portion of a building. Sika's Building Solutions are a resource for integrated, compatible products and systems that produce superior performance for all parts of a building or structure. Customized building strategies from Sika minimize the effects of threatening environmental conditions to a building and help to maximize return on investment.

DEDICATED SUPPORT

Sika's dedicated team of professionals is able to offer a customized solution for projects of all scales. We help through all phases with services including:

- Industry and technical experts
- Customized, value added solutions
- Specifications
- Application training
- Local support

A COMPREHENSIVE APPROACH

To expand capability and give customers a true single source solution, Sika has welcomed the following companies and brands to the Sika family:



Sarnafil[®]

Greenstreak[®]

FIBERMESH[®]



BUTTERFIELD[®]
COLOR



BUILDING ENVELOPE



EVERY BUILDING DEMANDS A HIGH PERFORMANCE AND FULLY COMPATIBLE ENVELOPE TO PROVIDE UNYIELDING PROTECTION FROM THE ELEMENTS WHILE SIMULTANEOUSLY CREATING A COMFORTABLE AND EFFICIENT INTERIOR ENVIRONMENT FOR ITS OCCUPANTS. Every product choice made within the building envelope is critical to building efficiency and weather tightness. Sika offers solutions for even the most complex situations and works closely with designers, manufacturers, and contractors in making the right choice.

Products	Product Families
Air Barriers	Sikagard®, SikaMembran®, MultiSeal, WRB, WeatherTech, Rmax ECOMAXci®
Coating & Water Repellents	Sikagard®, Sikalastic®
Architectural Concrete Panels	Butterfield, Scofield
Expansion Joints	Emseal®
Facade Panel Bonding Systems	SikaTack® Panel System
Facade Structural Glazing	Sikasil®
Fenestration	Sikasil®
Insulating Glass	Sikasil®
PVC Roofing	Sarnafil®, Sikaplan®
Roof & Wall Insulation	Rmax ECOMAXci®, Multi-Max®
Sealants & Joints	Sikaflex®, Sikasil®, Sika Loadflex, Sikadur®, R-Seal
Waterproofing Membranes	Sikaplan®, SikaProof®
Waterstop	Greenstreak, Hydrotite®, Swellstop™
Weather Sealing	Sikasil®, Sikaflex®



BALCONIES



BALCONIES MUST STAND UP TO ALL OF THE DEBILITATING ELEMENTS OF THE OUTDOORS AND FUNCTION AS A COMFORTABLE AND ATTRACTIVE LIVING SPACE. However, these outdoor living spaces are highly stressed because they are permanently exposed to the weather on multiple sides. Unless properly mitigate and protected, the effects from heat, frost, rain and other pollutants can deteriorate and damage balconies shortening their safe useable life. Some states such as New York, California and Florida have implemented mandatory balcony inspection and repair regulations to ensure balconies are maintained for minimum life safety standards. Sika has high performance products that will repair and protect new or existing balconies while providing an aesthetic finish to compliment any architectural design.

Products	Product Families
Anchoring	Sika AnchorFix®
Bonding Agents	Sika Armattec®, Sikadur®, SikaLiquid® Weld
Coating & Water Repellents	Sikalastic®, Sikagard®, Sikadur®
Corrosion Protection	Sika Armattec®, Sika® FerroGard®
Decorative Concrete	Butterfield, Scofield
Flooring Systems	Sikafloor®, Purcem®
Mortars	SikaTop®, SikaQuick®, SikaCrete®, SikaRepair®, SikaGrout®
Sealants & Joints	Sikaflex®, Sikasil®, Rmax R-Seal
Structural Strengthening	SikaWrap®, Sika® Carbodur®
Waterproofing	Sikalastic®
Glass Wall Bonding	SikaForce®, SikaGlaze®



BELOW GRADE WATERPROOFING



Sikaplan® Waterproofing Membrane

SIKA'S WATERPROOFING MEMBRANES COME IN PRE-APPLIED AND POST-APPLIED OPTIONS TO MEET THE CHALLENGES OF URBAN CONSTRUCTION SITES. As urbanization continues, property developers must optimize congested construction sites and build deeper basements to accommodate parking garages and mechanical equipment rooms. A high performance waterproofing solution is therefore required to provide dry interior spaces and to protect the foundation system throughout its intended service life. To ensure these stringent requirements are met, Sika has developed products which help to balance the needs of strength and durability with the time and financial challenges of a modern day construction site.

Products	Product Families
Coatings & Water Repellents	Sikalastic®, Sikagard®
Concrete Admixtures	ViscoCrete®, Viscoflow®, Sika Control®, Plastiment®, WT Series
Concrete Fibers	Fibermesh®, Enduro®, Novomesh®
Corrosion Protection	Sika® FerroGard®, Sika Armatec®
Crack Injection	Sikadur®, SikaFix®, Sika® Inject
Expansion Joints	Emseal®
Sealants & Joints	Sikaflex®, Sikasil®, Sika® LoadFlex, Sikadur®
Waterproofing Membranes	Sikaplan®, SikaProof®
Waterstop	Greenstreak, Hydrotite®, Swellstop™



Sika Watertight Concrete (WT Series)

CAST-IN-PLACE & PRECAST CONCRETE



SIKA PROVIDES A COMPLETE RANGE OF ADMIXTURES AND ADDITIVES FOR USE IN CONCRETE, CEMENT AND MORTAR PRODUCTION. Concrete is the most versatile and widely used construction material in the world. Sika concrete admixtures enhance specific properties of the fresh or hardened concrete such as workability, water tightness, durability, early and final strengths and finishing. Sika concrete admixtures are the essential ingredient as building construction becomes more complex and as structures are built taller and faster. From production to placement and finishing, Sika makes building with concrete possible as the evolving construction landscape demands faster, better and stronger materials.

Products	Product Families
Coating & Water Repellents	Sikalastic®, Sikadur®
Concrete Accessories	Ultracure™, Speed Dowel®, Speed Plate®
Concrete Admixtures	Viscocrete®, Viscoflow, Sika Control®, Plastiment®, WT Series
Concrete Fibers	Fibermesh®, Enduro®, Novomesh®
Corrosion Protection	Sika® FerroGard®, Sika Armatec®
Decorative Concrete	Butterfield, Scofield
Grouts	Sikadur®, SikaGrout®
Mortars	SikaTop®, SikaQuick®, Sikacrete®, SikaRepair®
Precast Panel Insulation	Rmax Concrete Core CGF



CONCRETE REPAIR & PROTECTION



REPAIRING, PROTECTING AND MAINTAINING STRUCTURES OF ALL TYPES IS A NECESSARY AND WORTHWHILE INVESTMENT TO EXTEND A STRUCTURES USABLE SERVICE LIFE. Sika offers a wide range of cement and synthetic resin mortars which can be placed, poured or injected for applications ranging from cosmetic to structural repairs. Sika's concrete repair materials are specifically engineered to meet the rigorous demands of the industry such as high strength, fast turn around and low shrinkage. Sika offers superior concrete corrosion mitigation solutions by addressing the root cause of deterioration within the structure using anodes and rebar coatings as well as protecting from the surface using sealers and coatings for increased longevity. Building owners can greatly extend structure service life through a proactive and regular maintenance program combined with Sika's high performance repair and protection product lines.

Products	Product Families
Bonding Agents	Sika Armatex®, Sikadur®, SikaLiquid® Weld
Coating & Water Repellents	Sikalastic®, Sikagard®
Concrete Fibers	Fibermesh®, Enduro®, Novomesh®
Corrosion Protection	Sika® FerroGard®, Sika Armatex®
Crack Injection	Sikadur®, SikaFix®, Sika® Inject
Expansion Joints	Emseal®
Grouts	Sikadur®, SikaGrout®
Mortars	SikaTop®, SikaQuick®, SikaCrete®, SikaRepair®
Multipurpose Epoxies	Sikadur®
Structural Strengthening	Sika Carbodur®, SikaWrap®
Traffic Coatings	Sikalastic® Deckpro





BALCONIES

BUILDING ENVELOPE

ROOFING

FLOOR COVERING INSTALLATION

REPAIR & PROTECTION

PRECAST CONCRETE

PARKING GARAGES

BELOW GRADE WATERPROOFING



SEALING & BONDING

DECORATIVE CONCRETE

CAST IN PLACE CONCRETE

FLOOR & WALL

SLAB-ON-GROUND

PLAZA DECKS

CONCRETE REPAIR

FLOOR COVERING INSTALLATION

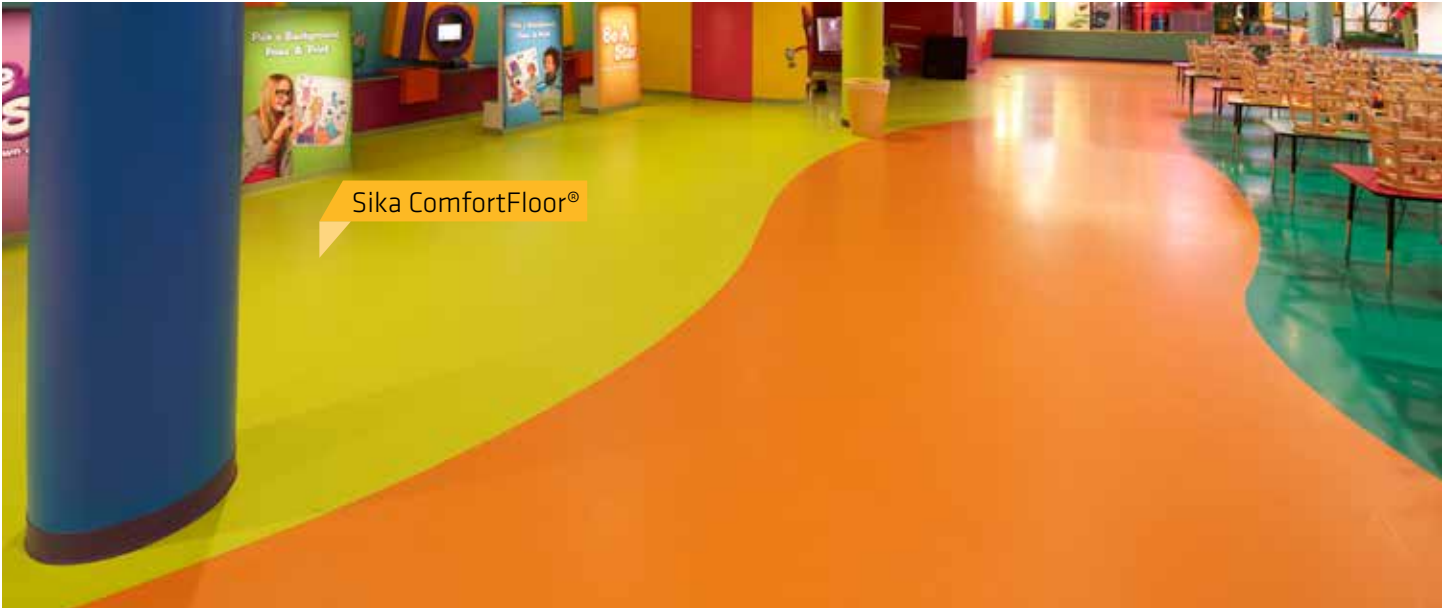


SIKA PLAYS A CRITICAL ROLE IN THE FINAL APPEARANCE AND SERVICE LIFE OF YOUR INSTALLED FLOOR. It has been proven that the quality of subfloor preparation and the choice of the correct adhesive make all the difference. As a world renowned market leader in cement, epoxy and polyurethane chemistry Sika floor covering products have been tested and proven to provide the best performance for wood, tile, and stone finished floors. Sika offers an extensive range of floor covering installation products including multi-purpose epoxies, primers for porous and non-porous substrates, self-leveling underlayments varying in depths, flows, and compressive strengths, as well as cementitious thin sets, urethane, hybrid urethane, and acrylic flooring adhesives to install your choice of floor covering.

Products	Product Families
Adhesives	SikaBond®, Sikaflex®, SikaTile®
Expansion Joints	Emseal®
Flooring Adhesives	Sika® Acoubond®, SikaBond®, SikaTile®
Flooring Levelers & Primers	Sika® Level, SikaQuick®, SikaTile®
Moisture Mitigation	PurCem®, Sika® MB
Multipurpose Epoxies	Sikadur®, Sika® MB
Mortars	SikaTop®, SikaQuick®, SikaRepair®, SikaCrete®

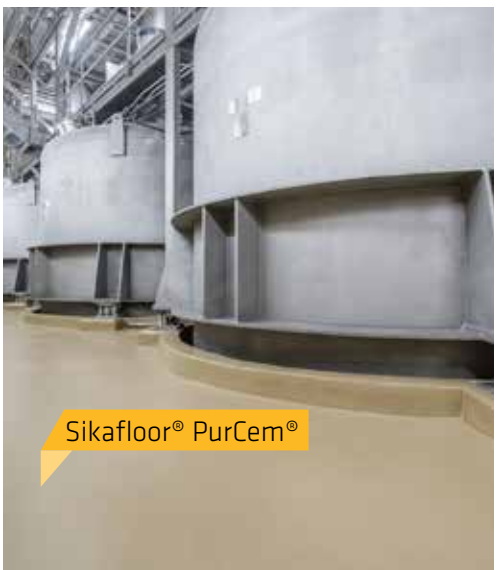


FLOOR & WALL



SIKA HAS THE FLOOR AND WALL SOLUTIONS THAT WILL MEET THE DURABILITY, AESTHETIC AND ERGONOMIC REQUIREMENTS OF YOUR PROJECTS. Sika flooring solutions are engineered to address the special challenges that each project brings including rapid return to service, environmental safety and low total cost of ownership. Sika's robust floor systems resist abuse from impacts, chemical attack and mechanical wear that protect the underlying slab and increase its lifecycle performance. The design aspects of these systems are limitless with color, texture, aggregate and finish sheen options to match any aesthetic preference. When used in conjunction with our flooring, Sika's high performance wall systems provide hygienic, envelope-like protection for the entire room. Sika floor and wall systems are seamless and monolithic eliminating cracks and crevasses that become harborage points for dirt and contaminants, greatly reducing cleaning and maintenance costs and efforts.

Products	Product Families
Bonding Agents	Sika Armatec®, Sikadur®, SikaLiquid® Weld
Commercial/Industrial Flooring	EPO-Rok, Merflex, Morritex, PurCem®
Decorative Flooring	DecoDur®, Decoflake®, Metallic FX, Quartzite®
Electrostatic Control Flooring	Sikafloor® ESD
Ergonomic Flooring	ComfortFloor®
Expansion Joints	Emseal®
Floor Levelers & Primers	Sika® Level, Sikafloor®, Sika® MB
Sealants & Joints	Sikaflex®, Sikasil®, Sika® Loadflex, Sikadur®



PLAZA DECKS



PLAZAS ARE AN IMPORTANT FEATURE FOR MANY BUILDINGS, PROVIDING THE WELCOME AMBIANCE OF AN OUTDOOR AREA FOR PEOPLE TO GATHER, REFLECT AND INTERACT. Typically having occupied spaces immediately below or adjacent, plazas present a unique waterproofing challenge of having to protect property and occupants against moisture and liquid water penetration. Additionally, this waterproofing must typically work in conjunction with some form of paver system on pedestals, a mortar bed or concrete wearing slab. Sika’s comprehensive line of products helps to navigate these technical challenges while providing the decorative elements to compliment any application.

Products	Product Families
Architectural Coatings & Finish Assemblies	Sikagard®, MultiSeal, WRB®
Concrete Admixtures	Viscocrete®, Viscoflow®, Sika Control®, Plastiment®, WT Series
Concrete Fibers	Fibermesh®, Enduro®, Novomesh®
Decorative Concrete	Butterfield, Scofield
Expansion Joints	Emseal®
Liquid Applied Waterproofing	Sikalastic®, WeatherTech
Roof & Wall Insulation	Rmax
Waterproofing Membranes	Sikaplan®, SikaProof®, Sarnafil®

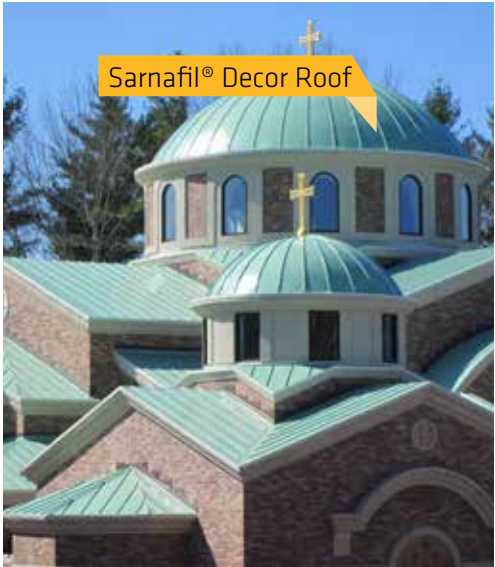


ROOFING



THE ROOFING SYSTEM PLAYS AN ESSENTIAL ROLE IN THE PROTECTION OF A BUILDING. Ultraviolet rays, ponding water and high winds all conspire to compromise the roof prematurely, leading to leaks, damage to the building, costly repairs and possibly an early roof replacement. With more than 55 years of roofing and waterproofing experience in locations all over the world, on buildings of all types and in many diverse climates, Sika roofing and waterproofing is the worldwide market leader in commercial roofing. Sika manufactures Thermoplastic (PVC) and Liquid Applied Membranes (LAM) for the commercial roofing and waterproofing markets. From roofs on large distribution warehouses to small downtown high-rises and everything in between, Sika roofing systems can provide long-term, water tight protection no matter what your projects specific needs are.

Products	Product Families
Adhesives	Sarnacol Membrane and Board Adhesive
Expansion Joints	Emseal®
“Green” Solutions	EnergySmart Roof®, Sika SolaRoof®, Vegetated Roofs
Liquid Applied Roofing	Sikalastic® RoofPro, Sikalastic® RoofCoat
PVC Roofing	Sarnafil®, Sikaplan®
Roof Insulation	Rmax Multi-Max®
Sealants & Joints	Sikaflex®



SEALANTS & ADHESIVES

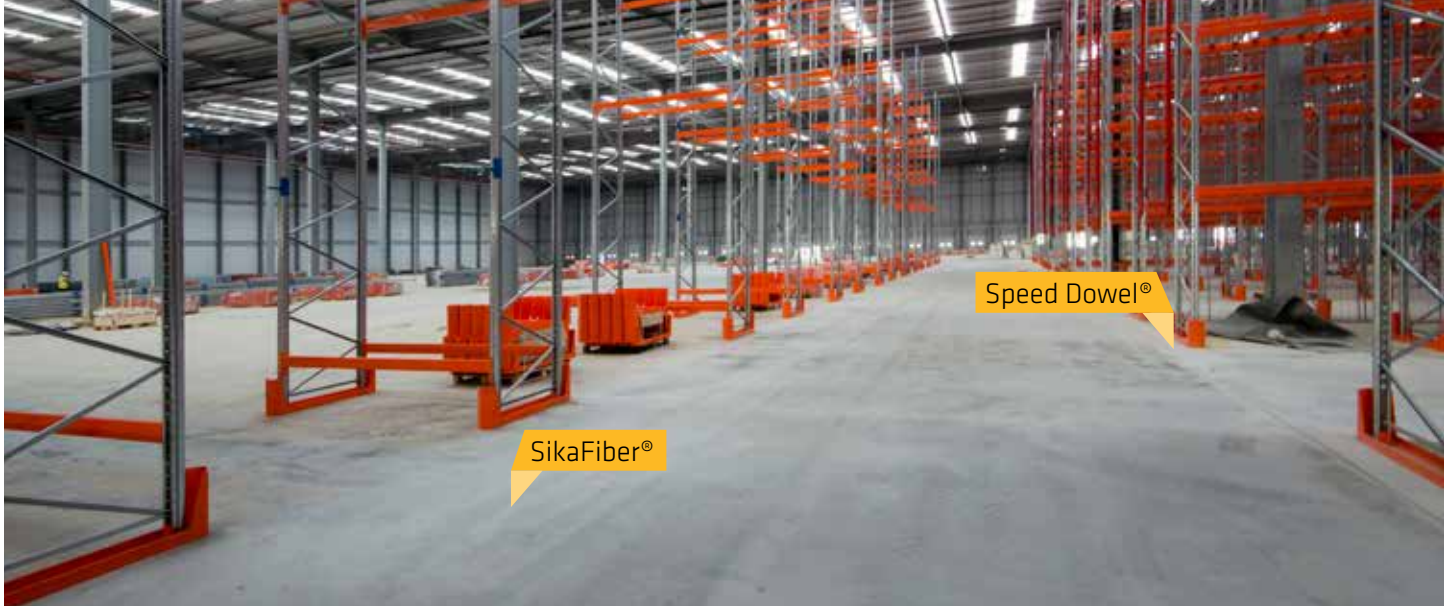


SIKA'S EXPANSIVE PORTFOLIO OF SEALANTS AND ADHESIVES OFFER A COMBINATION OF TESTED PRODUCTS WITH DECADES ON THE MARKET AND NEW, INNOVATIVE PRODUCTS HELPING TO MOVE THE INDUSTRY FORWARD. With numerous polyurethane, silicone and hybrid sealants offerings available, specific adhesion, dirt resistance, substrate adhesion and protection requirements can be tailored to your specific project needs. Multipurpose adhesives and anchoring adhesives are also available for a wide range of project applications. With increasing skilled labor shortage and shrinking working seasons, installers and contractors must make every minute count. Sika chemists have taken this into account by developing high performance sealants and adhesives that can be applied to green concrete and in arctic conditions quickly and easily.

Products	Product Families
Adhesives	Sika AnchorFix®, SikaBond®, Sikaflex®
Bonding Agents	Sika Armatec®, Sikadur®, SikaLiquid® Weld
Expansion Joints	Emseal®
Liquid Applied Roofing	Sikalastic® RoofPro, Sikalastic® RoofCoat
Multipurpose Epoxies	Sikadur®
Sealants & Joints	Sikaflex®, Sikasil®, Sika® Loadflex, Sikadur®

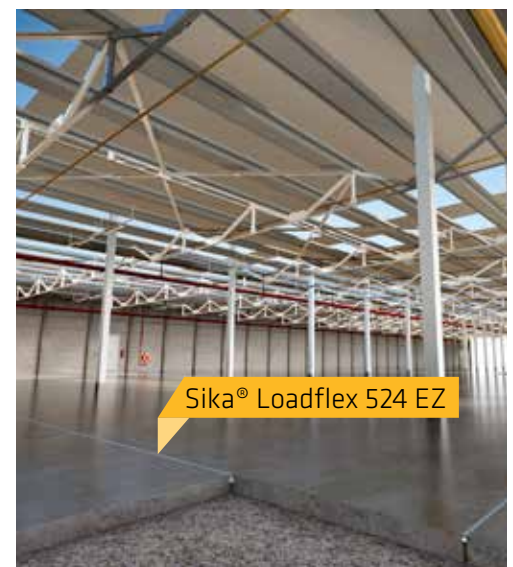


SLAB ON GROUND

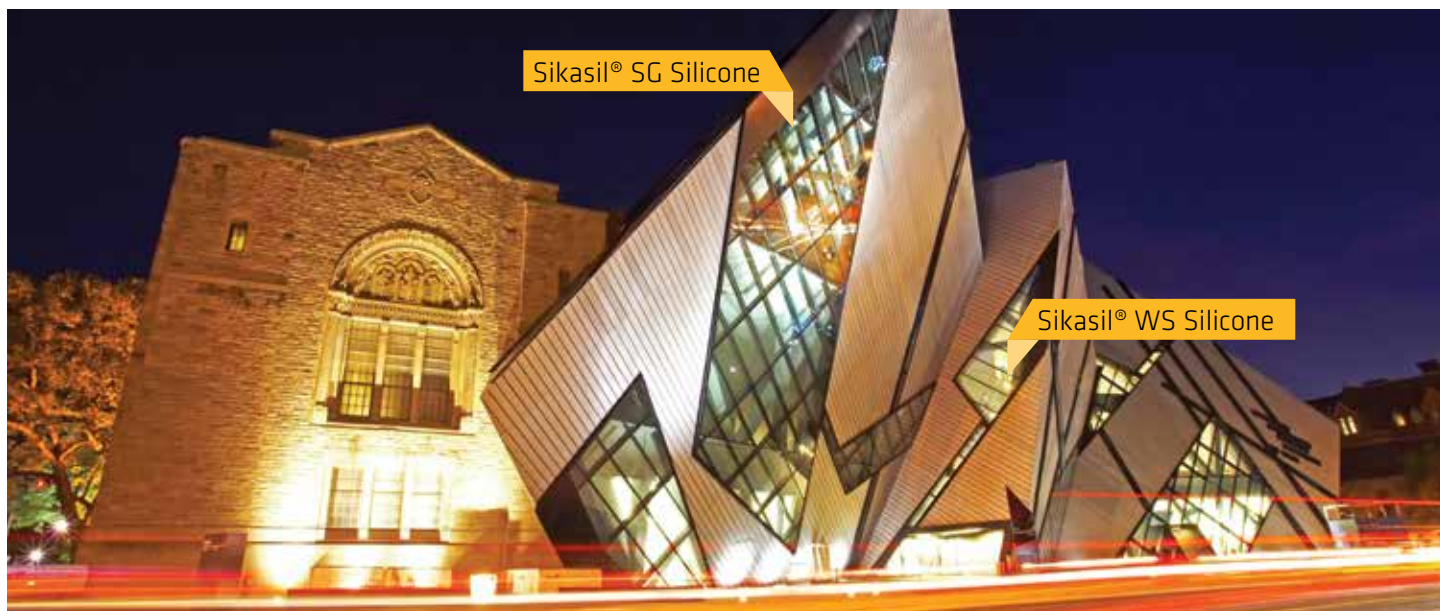


VALUE FOR OWNERS, CONTRACTORS AND PRODUCERS ALIKE, SLAB SOLUTIONS BY SIKA ADDRESSES ALL PHASES OF CONSTRUCTION, FROM PREPARATION, TO POUR, TO PRODUCTION. Site safety is maximized with removal of traditional reinforcement and minimization of saw cut joints. Cost savings are realized through the replacement of conventional steel reinforcement with macro fiber reinforcement and concrete mix design optimization. Provided with all necessary information, Sika is able to assist in project design development design, refining concrete properties to optimize placement characteristics, reduce shrinkage, increase structural loading capacity and reduce curling. The result is a building code accepted design, standard details and general notes tailored and optimized to each project, resulting in construction cost and schedule savings/improvements.

Products	Product Families
Adhesives	Sika AnchorFix®, SikaBond®, Sikaflex®
Concrete Accessories	Ultracure™, Speed Dowel®, Speed Plate®
Concrete Admixtures	Viscocrete®, Viscoflow, Sika Control®, Plastiment®, WT Series
Concrete Fibers	Fibermesh®, Enduro®, Novomesh
Decorative Concrete	Butterfield, Scofield
Flooring Systems	Sikafloor®, Purcem®
Insulation foundation	Rmax Thermasheath®
Sealants & Joints	Sikaflex®, Sikasil®, Sika® Loadflex, Sikadur®



VERTICAL GLASS



SIKA KNOWS THAT KEEPING THE ELEMENTS OUTSIDE IS ESSENTIAL TO OUR CUSTOMERS. Sika offers a wide range of innovative products for use in the Facade, Window and Door markets that provide unique solutions to meet every demanding structural glazing, installation and weatherseal application. These products are widely used in manufacturing of insulated glass parts, facades and windows, enabling architects the ability to strike the ideal balance between aesthetic appeal and energy efficiency. Sika has solutions for Glass Wall grouting and offers a full line of silicone, polyurethane and hybrid weatherseal products.

Products	Product Families
Adhesives	Sikaflex®, Sikasil®
Sealants and Joints	Sikaflex®, Sikasil®
Glass Wall Grouting	SikaForce®, Sikasil®
Panel Systems	SikaTack®
Structural Glazing	Sikasil®



TRAINING, EDUCATION & SUPPORT

FOR MORE THAN 100 YEARS, ARCHITECTS, CONSTRUCTION COMPANIES, AND MANUFACTURERS HAVE TRUSTED SIKA PRODUCTS TO SEAL, BOND, DAMPEN, REINFORCE, AND PROTECT THE THINGS THEY DESIGN AND BUILD.

Beyond simply providing specialty products, Sika is a true partner, bringing its deep application and technical expertise to projects, while addressing customer needs for better, smarter, and more sustainable solutions.



TRAINING

Sika is a proven and reliable partner to the whole building and construction industry. Worldwide we provide our customers far more than high performance construction products. We also assist and add value for our customers, by providing many more support services for our products and their installation. Sika offers technical and application training courses for contractors to educate them on the various Sika product systems and application methods.



EDUCATION

To move the industry forward and promote best practices, Sika's team offers regularly scheduled webinars, industry support, literature and Lunch & Learns upon request. We are proud to be a registered provider with the American Institute of Architects continuing education system nationally and are involved in local industry groups and associations throughout the country.



SUPPORT

Sika Building Solutions is made possible by our team of experts. When choosing Sika, we have expert representatives standing by to assist in selection, procurement, installation and trouble shooting. Sika is a reliable partner in all building solution needs.

CONTACT AN EXPERT TODAY!

ADDITIONAL RESOURCES AVAILABLE AT [USA.SIKA.COM/BUILDINGSOLUTIONS](https://usa.sika.com/buildingsolutions)

- Lunch and Learn Requests
- Contact Information for Sika Building Solution Experts
- Design Details
- Suggested Specifications
- Additional Information on these Products and more

WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.



BUILDING ENVELOPE



BALCONIES



**BELOW GRADE
WATERPROOFING**



**CAST-IN-PLACE & PRECAST
CONCRETE**



**CONCRETE REPAIR AND
PROTECTION**



**FLOOR COVERING
INSTALLATION**



FLOORS & WALLS



PLAZA DECKS



ROOFING



SEALANTS & ADHESIVES



SLAB ON GROUND



VERTICAL GLASS

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

©Sika Corporation /02.1045.5 /01/2021

SIKA CORPORATION

201 Polito Avenue
Lyndhurst, NJ 07071
USA

CONTACT

Phone 201-933-8800
Fax 201-933-6225
usa.sika.com

BUILDING TRUST

