



SIKA IN MODULAR BUILDING COMPLETE SOLUTIONS FROM BASEMENT TO ROOF FOR OFF-SITE CONSTRUCTION

BUILDING TRUST



FROM BASEMENT TO ROOF

Delivering construction solutions that not only meet the most demanding specifications of the building industry but also improve manufacturing efficiency and quality – that is Sika's commitment to offsite manufacturer. Sika offers the industry's widest product ranges for waterproofing, roofing, flooring, concrete, sealing, bonding, fire protection and protective coatings. Whether you are creating modules for commercial, retail, education, healthcare, or residential sectors you can be sure that Sika has the best solution for your needs.

FROM BASEMENT TO ROOF, SIKA PROVIDES A FULL RANGE OF MODULAR CONSTRUCTION SOLUTIONS IN THE FOLLOWING AREAS:

BONDING

Bonding joins different materials permanently, elastically and securely. Sika bonding technologies increase the safety of end products and enable greater freedom of design.

SEALING

Sealing minimize the flow of gazes and liquids between cavities and interstices as well as the dissemination and transfer of heat or cold.

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.

PROTECTING

Sika solutions ensure sustained protection against climatic conditions, chemical influence, pollution and fire for concrete and steel structures.

REINFORCING

Reinforcing bolsters the carrying capacity of statically or dynamically stressed load-bearing structures in a targeted manner, from lightweight window frames to imposing concrete bridges.



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EXTERIOR APPLICATIONS





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various admixtures, additives and fibres to improve workability, application, durability and performance

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ROOFING SOLUTIONS

SIKA ROOFING IS DEVELOPING AND PRODUCING HIGH-QUALITY ROOF WATERPROOFING AND SYSTEM SOLUTIONS FOR OVER 60 YEARS. Modular building roofs can be designed to meet the specific technical requirements and budget of each individual project. Our tailored solutions allow freedom of design and form with no limitations on geometry or color, to meet the specific requirements of any type of roof. Sika provides system solutions which includes all the components along the different roof waterproofing technologies.

Sika roof system solutions includes the whole system build-up, from vapour control layers, thermal insulation boards, roof waterproofing membranes and various system accessories for:

- Exposed roofs – mechanically fastened or adhered
- Ballasted roofs – gravel, green, utility or traffic
- Inverted roofs – gravel, green, utility or traffic

Our main brands:

- **Sarnafil®** PVC and FPO based single ply membranes
- **Sikaplan®** PVC and FPO based single ply membranes
- **Sikalastic®** liquid applied membranes (LAM)
- **SikaShield®** bituminous membranes



Sarnafil® / Sikaplan® PVC AND FPO BASED SINGLE PLY MEMBRANES

Sarnafil® / Sikaplan® synthetic roof waterproofing sheets are either based on polyvinyl chloride (PVC) or flexible polyolefins (FPO). Depending on the requirements, these sheet membranes are available in different thicknesses, texture, widths, reinforcement and felt backings.

- Proven track record over more than 60 years
- Wide range of international approvals and certificates
- Resistant to all common environmental influences
- Various colors and textures available
- Resistant to UV exposure and to root penetration
- Available in various thickness, lengths and widths
- High reflectance properties for cool roofs
- Recyclable at end of life



Sikalastic® LIQUID APPLIED MEMBRANES (LAM)

Sikalastic® liquid applied membrane (LAM) systems are monolithic, fully bonded, cold or hot applied coatings that cure to form a seamless and durable waterproofing membrane system.

- Best solution for complex and unusual roof designs
- High flexibility
- Fast application, especially in complex structure
- Seamless finishing
- Single or multi component liquid applied systems
- Various colors available



SikaShield® BITUMINOUS MEMBRANES

SikaShield® membranes are made of a polymer modified bitumen, with or without a reinforcement, which is protected by an upper and a bottom finishing. Available in different thickness and weights, it is highly customizable to meet specific requirements thanks to the combination of different materials they can be made of.

- Fully bonded
- Variety in application methods (torch, self-adhesive, wet applied, mechanically fixed)
- High resistant to mechanical movements
- Can integrate different systems and build-ups



CONCRETE ADMIXTURES

CONCRETE USED FOR THE PRODUCTION OF PRECAST MODULES FOR OFFSITE CONSTRUCTION REQUIRES A CUSTOMIZED CONCRETE MIX DESIGN THAT ENSURE A HIGH QUALITY, FAST AND COST OPTIMIZED CONCRETING. Sika can provide all different essential for concrete production related to modular building in order to ensure an optimized industrial manufacturing process. Depending on the customers concrete production process and the project requirements of the concrete modules, specific concrete mix design for production of precast concrete is required using the following product groups:

- Mid and High range water reducers
- Concrete accelerators and retarders
- Durability enhancers
- Manufacturing aids for concrete
- Concrete essentials
- Fibers

Our main brands:

- Sika® Viscocrete® ■ SikaPlast®
- Sikament® ■ Sika Viscoflow®
- Sika® Retarder ■ SikaTard®
- SikaFiber® ■ SikaRapid®
- Sika® Separol®



SikaFiber® range

Synthetic micro and macro fibers for the improvement of durability and toughness performance of concrete and mortars.

- Better cohesion of the fresh concrete
- Control and reduce crack sizes due to early-age shrinkage
- Improve flexural and shear strength
- Improve load capacity and ductility
- Increase toughness and abrasion resistance
- Replace or partially replace traditional reinforcing steel
- Save time and cost in the construction process



Sika® ViscoCrete® SCC-1

Sika® ViscoCrete® SCC-1 is a high-range superplasticiser for SCC concrete and mortar based on Polycarboxylate-Ether and special stabilizers. Especially suitable for the production of precast concrete with medium to high water reduction and improved flow characteristics. Recommended for the following:

- Concrete with medium to high water reduction (up to 30%)
- Self Consolidating Concrete (SCC)
- High performance concrete
- Concrete with enhanced workability requirements due to high content of blended cements



Sika® Separol® W-220

Sika® Separol® W-220 is a ready to use, solvent and mineral oil free concrete release agent. It is an emulsion, based on biological degradable synthetic oil. Can be applied in precast plants, and has been specially developed for use on:

- Smooth non-absorbent formwork
- Absorbent formwork
- Heated formwork (up to +70°C)
- Also suitable for textured formwork
- Low viscous
- Excellent “sticking” ability on vertical mold surfaces
- Self leveling after spray application
- Highly pore suppressing
- Safe for the operatives to handle



ANCHORING, GROUTING AND CONCRETE BONDING

THERE ARE MANY APPLICATIONS IN THE MODULE FACTORY AS WELL AS ON SITE WHERE THE USE OF VARIOUS ADHESIVES AND GROUTING MATERIALS FOR HARDENED CONCRETE ARE NEEDED, e.g. to apply structural anchors on base plates, bonding of concrete elements, grouting of concrete module on the base slabs, filling and sealing joints of concrete modules or around penetrations. Sika provides a wide range of anchoring, grouting and structural adhesives solutions based on resins or cement for all required bonding applications on hardened concrete.

High-performance, low shrinking and certified products according to various leading standards are required for all types of structural applications on concrete. Sika's high load adhesives and grouting materials are globally well known and accepted as well as successfully established since many decades.

Our main brands:

- **Sika AnchorFix®**
- **Sikadur®**
- **SikaGrout®**



Sika Anchorfix® range

For all types of high load anchoring applications in hardened concrete.

- Certified according to various leading standards
- Outstanding load bearing capacity
- Corrosion protection of steel bars and anchors
- Improved cost performance
- Higher flexibility in terms of the bolt
- Fast curing
- No expansion – no cracking substrate



SikaGrout® range

For bedding joints between concrete modules and for filling of any gaps, voids and cavities between concrete module and their basement.

- Excellent flow properties
- Pre batched, easy to mix and apply
- High compressive strength gain
- Overcoatable with Sika reprofiling/levelling mortars and coatings
- Low shrinkage
- Does not segregate or bleed
- Fire resistance comparable to concrete



Sikadur® range

Structural adhesives for various substrates for bonding and sealing of pipe penetrations and other elements on concrete modules.

- Suitable for dry and damp concrete surfaces
- Very good adhesion to most construction materials
- High strength adhesive
- Thixotropic: non-sag and suitable for vertical and overhead application
- Solvent free
- Adhesive and filler in one
- Hardens without shrinkage



EXTERIOR FACADES SOLUTIONS

FOR PROTECTING THE FACADE FROM WATER INGRESS, the SikaMembran® range, EPDM or PPO membranes, makes it possible to meet all construction requirements, and to adapt to the production processes of module manufacturers with self-adhesive solutions or using adhesives adapted. The cost effective adhesive system for ventilated rainscreen cladding with SikaTack® Panel makes it possible to finalize the aesthetics of the envelope quickly. The performance of the module envelope can also be improved by Exterior Thermal Insulation Composite System – ETICS by Sika® ThermoCoat, to improve the building's energy efficiency rating and carbon footprint.

Sika solutions for exterior facades allow module manufacturers to meet technical requirements regarding waterproofing and thermal performance. The use of an adhesive system offers attractive aesthetic solutions by eliminating visible fixings.

Our main brands:

- **SikaMembran®**
- **Sika® ThermoCoat**
- **SikaTack® Panel**
- **Sikasil®**



SikaMembran® range

Sika's range of waterproofing membranes protects the facade from water ingress (e.g. rain, snow, etc.) but allows at the same time water vapor transmission from inside the building to outside the structure.

- Fast, easy and secure application even in corners
- Eliminates the need for mechanical fixings with the unique Sikabond® TF Plus N sealant or self-adhesive solution
- Provided with CE-mark
- High flexibility
- Fire resistant versions available



Sika® ThermoCoat-2 and Sika® ThermoCoat-5 ES TF

The insulating boards are fixed to the exterior of the facade with suitable adhesives and mechanical fastenings. After the application of the alkaline resistant reinforcement mesh and body coat, the decorative exterior finishing is applied.

- Fast and easy to apply
- More durable protection of the building from weathering and atmospheric pollutants
- Reduce utility bills by averagely 35%
- Reduce a building carbon footprint
- Keep a building warmer in winter / cooler in summer
- Improve a building energy efficiency rating
- Reduce noise from outside



SikaTack® Panel

Sika provides the adhesive system for ventilated rainscreen cladding. Suitable for dry and damp concrete surfaces.

- NO SCREWS or rivets are visible – aesthetically pleasing
- ELASTIC BONDING – uniform tension over the whole panel and therefore no deflection of panels
- Extremely COST EFFECTIVE due to fast and economical installation
- Adhesive layer prevent galvanic corrosion
- Increase THERMAL PERFORMANCE on exterior wall
- One mounting system for most type of panel



DOORS AND WINDOWS

SIKA PROVIDES A WIDE RANGE OF PRODUCT AND SYSTEMS FOR DOORS AND WINDOWS INSTALLATION IN MODULAR FRAMES. Sika sealants, expansive foams and membranes achieve air proof modular buildings and protect the insulation from water infiltration.

Sika offers the appropriate solution to have the doors and the windows of the modules installed in line with the latest standards for energy efficient installation, using professional products for filling joint and sealing.

Our main brands:

■ **SikaHyflex®**

■ **Sika Boom®**

■ **SikaMembran®**



SikaHyflex®-220 Window

Professional sealant for window / door perimeter sealing and SikaMembran® Window installation. SikaHyflex®-220 Window is a 1-component, moisture-curing elastic joint sealant.

- Very good workability
- Low extrusion force
- Over-paintable
- Very good adhesion on PVC
- Movement capability +/-25% (ISO 9047)
- Good adhesion to porous and non-porous substrates
- Solvent-free



Sika Boom®-461 Top

Sika Boom®-461 Top is a white, 1-part, self-expanding foam based on Silane Terminated polymers (STP) which can be applied by nozzle or gun. Designed for insulating against cold and draughts, filling joints around window and door frames. Can be used for interior and exterior applications.

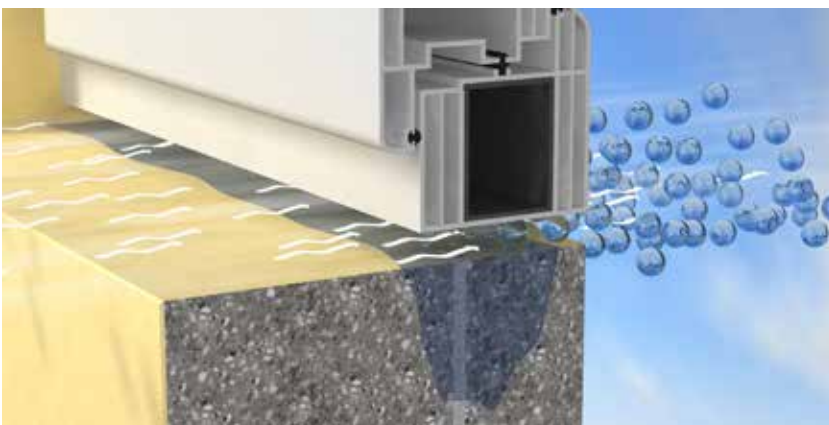
- Flexible
- Good thermal insulation
- Can be cut, trimmed, sanded and painted
- Combi-valve for gun or nozzle application
- Low post-expansion
- Safety valve for extended shelf life
- Isocyanate, chlorinated paraffin, halogen and plasticizer free formulation



SikaMembran® Window Outside / Inside

Vapor permeable, flexible, special membrane for air tight, wind tight and rain tight installation of windows. Suitable for dry and damp concrete surfaces.

- Very flexible membrane, ideal for three dimensional fittings
- Double side fleece backing for optional over rendering
- One side equipped with pressure-sensitive tape for efficient installation on window frames
- Fire resistance class B2 according to DIN 4102



INTERIOR APPLICATIONS





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INTERIOR WALLS

SIKA PROVIDE INNOVATIVE SOLUTION FOR FIXATION AND FINISHING FOR INTERIOR WALLS OF THE MODULES.

Millions and millions of screws and nails are used by every customer: time consuming, noisy, expensive and lot of waste. In addition, modules manufacturers have now requested adhesives for a bonding solution. Sika's vision in Modular Building is a combined mechanical fixations/adhesive solution with reduced number of screws compared to what is used today, using technical adhesives like Sikaflex®-545 or Sikaflex®-508 to bond the plaster board on the structure of the module. To successfully perform wall leveling operations between plasterboards, the unique SikaWall®-177 RDF solution increases productivity and efficiency. Work can be carried out much faster with just one product being used on many different surfaces, and with the help of the unique cement base, a primer almost falls into disuse.

Sika solutions for flexible bonding of plasterboard and wall leveling improve productivity and quality by effectively reducing the risk of cracking effects during module transport.

Our main brands:

■ Sikaflex®

■ SikaWall®



Sikaflex®-545

Sikaflex®-545 is a low emission 1-component Silane Terminated Polymer (STP) assembly adhesive. It has a unique high initial grab with high load capacity and excellent workability. It bonds well to a wide range of substrates with minimal pre-treatment.

- High initial grab: ideal to immediately hold the plasterboards in place
- Less factory filling holes / much less use of filler and sanding
- Less factory and site rework, less cracks (elongation at break 400%)
- Easy to implement in an industrialized application process
- Better working conditions (no noise, no dust)
- Meets all relevant safety standards



Sikaflex®-508

Sikaflex®-508 is a low emission 1-component isocyanate-free sealant based on the Silane Terminated Polymer (STP) technology. Sikaflex®-508 meets the most severe environment, health and safety standards and set a new benchmark in this technology. The product cures on exposure to atmospheric humidity to form a durable elastomer. Outstanding certified root resistance.

- Very low emission
- Compatible with foamed polystyrene
- Bonds well to a wide variety of substrates without the need for special pre-treatments
- Easy to process
- Low odor
- Isocyanate, phthalate, plasticizer, solvent and PVC free



SikaWall®-177 RDF

Ideal to improve the productivity in interior wall installation in modular building, bringing specific benefits: Time saving, reduce sanding operation and improved work environment, no dust!

- Low tension/stress
- Very sturdy and highly fillable
- Grindable
- Fast drying: up to 10 mm after 24 hours
- In many cases no priming required



INTERIOR WATERPROOFING FOR WETROOMS

SIKA'S SOLUTIONS FOR WET ROOMS includes the complete system build-up for bathrooms and kitchens: levelling mortars, various waterproofing membranes and tapes, tile setting solutions like adhesives and joint grouts as well as joint sealants.

- Flexible and rigid waterproofing systems based on bituminous emulsions, cement based mortars or sheet membranes.
- Fabric reinforced elastomeric tapes for sealing of edges, corners and penetrations
- Low dust, easy applicable tile adhesives for various types of tiles
- Water repellent tile grouts
- High-elastic joint sealants

Our main brands:

- **Sikalastic®**
- **Sika® SealTape**
- **SikaCeram®**
- **Sikasil®**



SikaCeram® Sealing System

The SikaCeram® Sealing System consist of a prefabricated waterproofing and decoupling membrane (SikaCeram® Sealing Membrane) and a 1-component, rollable and rapid hardening adhesive (SikaCeram® Sealing Fix). The system is easy and very quick to apply, has crack-bridging capabilities and ensure a consistent layer thickness.

- Flexible material that adapts to all shapes and surfaces
- Rapid hardening, fast installation time
- No waiting time between different layers
- Highly flexible, crack-bridging
- ETAG approved system
- Very low emissions



Sikalastic®-850 W

Sikalastic®-850 W is a 1-component-water-based liquid waterproofing system which, after curing, forms a water-proof, flexible, crack-resistant adherent membrane. Used for realization of the watertightness, under attached hard protection (ceramic tiles glued, sealed or screed), intermediate floors and partitions of all wet rooms.

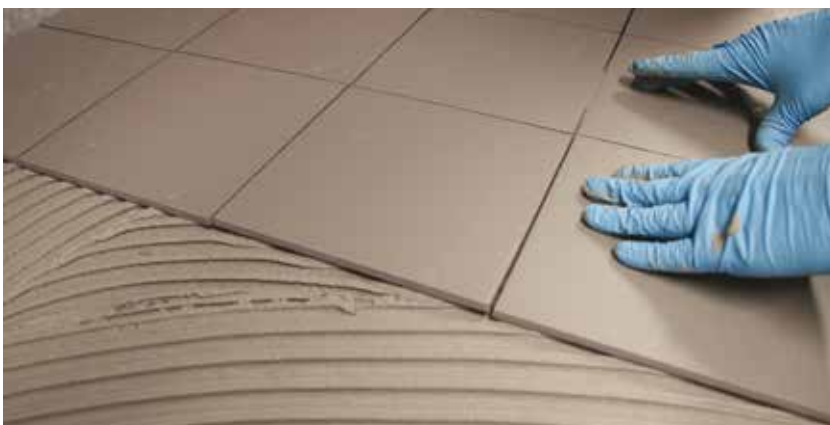
- High elasticity which makes it possible to bridge cracks
- Waterproof
- Can be quickly covered with hard protection: glued or sealed tiles, screed with coating (plastic floor, resin coating, etc.
- Good adhesion to concrete, mortar, plaster, water-repellent or not plaster tile, cardboard and water-repellent plaster-board, terracotta tiles, cellular concrete, wood and wood-based panels (CTBH, CTBX)



SikaCeram®-270 range

Cementitious, fast-setting, multi-flow, high coverage floor and wall tile adhesive. For small, medium, large sized ceramic tiles in residential, industrial, commercial wet and dry environments. Suitable for bonding all types of ceramic, marble, natural stone and mosaic tiles to all types of absorbent / non-absorbent construction material substrates. Layer thickness <30 mm, Indoor and outdoor use.

- Multi-Flow: from Thin-bed to Flow-bed consistency
- High coverage
- Fast-setting
- Deformable
- No vertical slipping
- Extended open-time
- Typical bonding substrates: Anhydrite, cementitious, ceramic, gypsum



INTERIOR BONDING SOLUTIONS

SIKA PROVIDE ALL DIFFERENT TYPES FOR INTERIOR BONDING AND DEMONSTRATE WHY ADHESIVES LEAD TO A POWERFUL BOND IN COMPARISON WITH MECHANICAL FIXING: faster solution using fewer tools and clean installation, safer solution with no object damage and good indoor air quality, and more durable solution with stress compensation and transfer and no corrosion.

Depending on the substrates (Concrete, metal, wood), the range of Sika adhesives makes it possible to securely fix or seal the finishing elements, or to bond structurally with stable properties.

Our main brands:

- Sikaflex®
- SikaSeal®
- SikaForce®



Sikaflex®-111 Stick & Seal

Flexible adhesive and sealant. Sikaflex®-111 Stick & Seal is a 1-part, multipurpose adhesive and sealant with a very broad adhesion and sealing profile which bonds and seals most construction material substrates. Internal and external use.

- Bonds well to a wide variety of substrates without surface pre-treatment
- Bonds to damp concrete
- Compatible with most substrates, EPS/XPS and building wraps
- Compatible with most bitumen grades
- Good mechanical resistance and weathering resistance



SikaSeal®-106

Low-modulus construction sealant for connection joint. Based on Sika's innovative water-borne Hydroflex technology. Its good adhesion to most construction materials makes it especially suitable for a variety of interior and exterior sealing application.

- Dry-wall, plaster wall and ceiling joints
- Connection to wood panels, beams and wall casing
- Connection joints to door and window frames
- Joints to EPS, plaster and other weak substrates



SikaForce®-840 L07

Structural elastic 2-component polyurethane adhesive. It is designed for bonding composite or coated metal components with stable properties over large temperature span.

- Combination of structural properties and flexibility
- Stable mechanical properties over wide temperature range
- Fast curing at room temperature and suitable for quick assembly
- Good non-sag behavior
- Excellent compressibility
- Low smell
- Does not contain solvents or PVC



PASSIVE FIRE PROTECTION

AN ESSENTIAL ASSET FOR OCCUPANTS AND OWNERS. Sika's passive fire protection solutions are designed to be able to seal all different types of building joints and penetrations, in order to help keep fire in defined compartments for a certain period of time, thereby allowing people to evacuate safely.



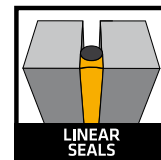
Sika passive fire protection solutions comply with the most relevant national and international standards (including EN, UL, EAD (ETAG), ASTM, AS, Certifire), in order to confirm that they meet the highest fire resistance requirements and consequently can help save people's lives!

Because of different materials, thinner walls and less space, tests might be required in off-site construction system. Sika's Experts help to benefit your business.



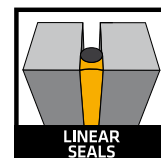
Sikacryl®-621 Fire A FIRE RESISTANT, ACRYLIC SEALANT

- Sikacryl®-621 Fire restores the fire resistance performance of a floor or wall which incorporates penetration services or linear seals.
- Universal use interior – Can be combined with many other Sika passive fire protection products.
- Up to 4 hours fire resistance
- ETA and EC-1+ approval



Sika Boom®-400 Fire A FIRE RATED 1-COMPONENT PU FOAM

- Sika Boom®-400 Fire is a fire resistant foam for interior joints in wall.
- Up to 2 or 4 hours fire resistance according to EN 1366-4



INTUMESCENT PRODUCTS

Sikaseal® 628 Fire Wrap
INTUMESCENT



- SikaSeal® 628 Fire Wrap is a fire resistant pipe wrap consisting of one or several layers of intumescent tape sealed in a plastic wrap ready to use for interior and exterior penetration sealing applications.
- Up to 4 hours fire resistance



Sikaseal® 627 Fire Collar
INTUMESCENT



- SikaSeal® 627 Fire Collar is a fire resistant prefabricated pipe collar consisting of a metal casing and an intumescent insert for interior and exterior penetration sealing applications.
- Pipe diameter range 32 - 250 mm
- Up to 4 hours fire resistance



Pipe collars before ...



... and after testing

PROTECTIVE COATINGS

UNPROTECTED STRUCTURAL STEEL starts deteriorating when exposed to environmental corrosion. With time and depending on the degree of exposure, its durability may be considerably affected. A preventative and regular maintenance such as painting protects the structural steel and steel components from corrosion and extend their service life. Sika can provide a wide range of products protect against fire and corrosion.

CORROSION PROTECTION FOR STEEL FRAME

Unprotected structural steel starts deteriorating when exposed to environmental corrosion. With time and depending on the degree of exposure, its durability may be considerably affected.

A preventative and regular maintenance such as painting protects the structural steel and steel components from corrosion and extend their service life.

Our main brands:

- **SikaCor®**
- **Sika® Pyroplast®**
- **Sika® Unitherm®**



SikaCor® EG System

SikaCor® EG System is a combination of 2-pack priming-and intermediate coats based on epoxy resin / micaceous iron oxide and polyurethane top coats with high chalking resistance and color retention. Robust corrosion protection for steel, stainless steel, aluminum and galvanized surfaces providing a durable and decorative effect.

- Applicable at low temperatures
- Very fast initial drying and full hardening
- Up to 3 layers per day
- Tough elastic and hard but not brittle



Sika® Pyroplast® Wood P

Sika® Pyroplast® Wood P is an ecological water based fire protection coating for interior use which forms a carbon char under the effect of heat. Tested to provide spread-of-flame protection and delays the inflammation of natural wood and wood derivatives. System: Sika® Pyroplast® Wood P, Sika® Pyroplast® Wood P Primer, Sika® Pyroplast® Top W.

- Ecological water based coating system
- Free of halogens and aromatic solvents
- Low material consumption
- Simple application
- No additional statical load of coating
- Individual coloration possible with topcoat Sika® Pyroplast® Top W



Sika® Unitherm® Platinum-30

Sika® Unitherm® Platinum-30 is a solvent-free, 100% solids, 2-pack, modified epoxy based intumescent fire protection coating for internally or externally exposed structural steel, where it provides highest durability and combined corrosion protection (up to ISO 12944, corrosivity class C5) and fire protection (up to R45).

- Ultra thin film epoxy coating
- Application directly on blast cleaned steel surfaces
- Rapid cure - next day handling and transport
- Suitable for small sections and complex steel sections



ACOUSTIC SOLUTIONS

SIKA HAS A LONG TERM EXPERIENCE IN AUTOMOTIVE INDUSTRY WITH ACOUSTIC SOLUTIONS

which we apply in the construction industry. In the Sika Acoustic Test facilities Sika engineers and application experts perform virtual and physical testing, analyze the results and propose solutions for each specific application. The Sika Technology Centers have been designed to support the development, validation, and optimization of acoustic solutions.

By collaborating on advanced acoustic systems in an early project stage, Sika helps customer enhance global projects with high performance as well as EHS-friendly products fitting specific requirements.

Our main brands:

- **ComfortFloor®**
- **Sikafloor®**
- **TOPSILENT**
- **FONOSTOP**



ComfortFloor® PRO systems

ComfortFloor® PRO System achieves a noise reduction of up to 19 dB by assembling Sikafloor® Comfort adhesive and the prefabricated rubber shock pad Sikafloor® Comfort Regupol-6015H.

- Recycled contents of 86%
- Easy to install
- High impact resistance
- Shock absorption
- Sound reduction capacity of 19 dB



TOPSILENT Duo, TOPSILENT Bitex, TOPSILENT Adhesiv

Acoustic insulation made up of high density sound-resistant foil with very high critical frequency for the acoustic improvement of plasterboard walls.

- High density foil
- Particularly efficient “gripper” to adhesives
- Can be used as shock-absorber on metal sheet panels
- Topsilent Adhesiv reduced laying times
- Sound insulating power (calculated) of 26 dB (with Topsilent Bitex and Topsilent Adhesiv, mass 5 kg/m², thickness 4 mm)



SIKA'S KEY TECHNOLOGIES

Sikaflex® Purform®

Purform® IS SIKA'S NEXT GENERATION POLYURETHANE. Purform® PRODUCTS HAVE THE PERFORMANCE YOU NEED AT ULTRA-LOW MONOMER CONTENTS THAT FULFILLS HIGHEST EH&S STANDARDS.

Polyurethane is the professional's first choice for demanding high performance bonding and sealing applications. Only polyurethane can provide the strength, flexibility and durability needed by our customers in construction and industry.

PURFORM®
Pure Performance



SEALING

CONNECTION JOINTS

- Window perimeter joints
- Connecting shafts, manholes
- Sealing and bonding of drainage pipes and gutters

CONSTRUCTION AND MOVEMENT JOINTS

- Sealing between cast concrete slabs
- Sealing of precast and prefab elements
- Sealing between facade cladding elements

SEALING OF FLOOR JOINTS

- Sealing of saw-cut joints in concrete pavement slabs
- Movement and connection joints

BONDING

AND AT THE SAME TIME ALSO SEALING

Elastic window bonding

- Bonding and sealing of wall casing and landscaping elements
- Bonding and sealing of stairs casing elements
- Bonding of light elements

BONDING AND SEALING ON THE ROOF

- Bonding roof tiles
- Cracks filling
- Gutters bonding and sealing



**READY
FASTER**

CURES faster



**LONGER
LIFE**

More durable



**LESS
IMPACT**

Ultra low monomer contents

Curing by Design

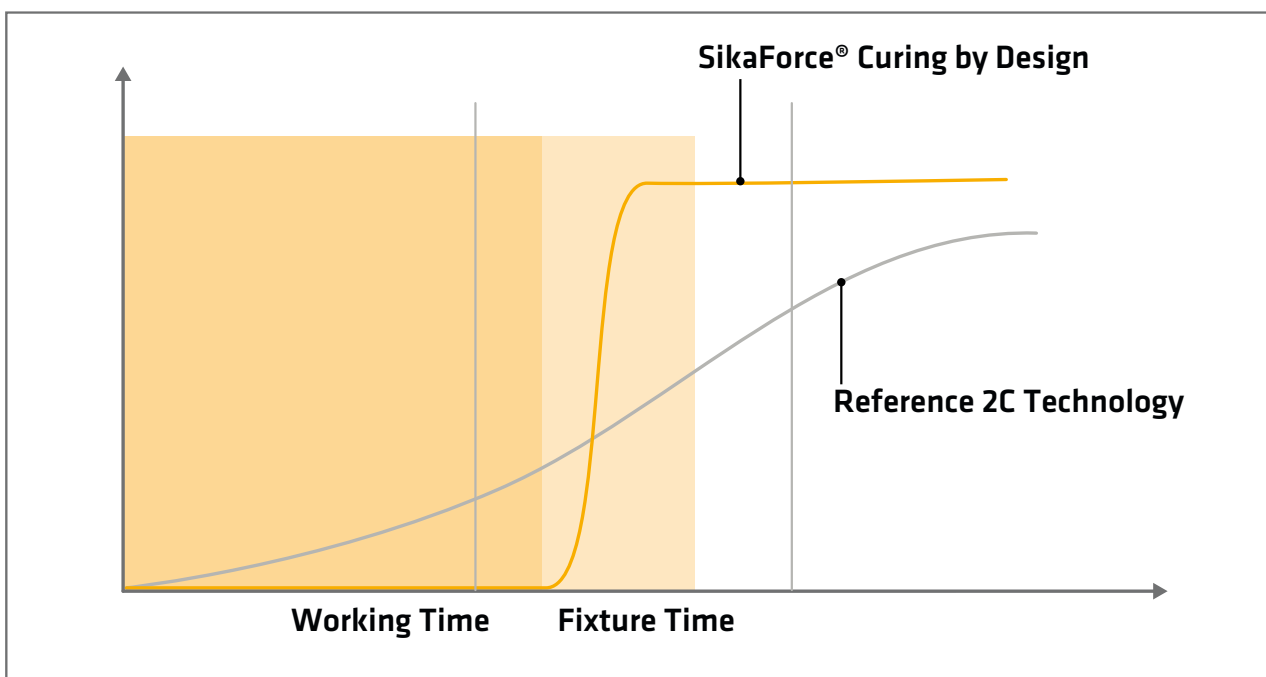
CURING BY DESIGN is a revolutionary curing pattern. This enables Sika to formulate **FAST CURING 2C POLYURETHANE ADHESIVES** with **CUSTOMIZABLE WORKING TIMES** providing significant benefit to current manufacturing processes.



- Unmatched snap cure effect that reduces handling times
- Suitability for both small and large assemblies with excellent ratio between open time and curing time.
- Easy applicability with standard dispensers and dosing pump equipment
- Compressible with low forces and applicable in big beads (non-sagging)
- No smell and smaller hazard risks compared to standard MMA and epoxy based adhesives.

SikaForce® Curing-by-Design (SikaForce®-803 and SikaForce®-840) show good adhesion on coated metals and composites substrates, usually without surface activation or priming.

Adhesion tests must be performed in advance on original component substrates and in the actual assembly conditions.



SIKA'S EXPERTISE IN INDUSTRIALIZATION AND AUTOMATIZATION

DELIVERING CONSTRUCTION SOLUTIONS that not only meet the most demanding specifications of the building industry but also improve manufacturing efficiency and quality – that is Sika's commitment to offsite manufacturers and more specifically to bathroom pods manufacturers.

With extensive technical expertise and solid practical experience on every continent in all climates and environments, Sika is a highly qualified, reliable partner for your manufacturing and construction needs providing a full range of modular construction solutions.



YOU NEED TO FIND WAYS TO MAKE YOUR PREFABRICATED BATHROOM LIGHTER, STRONGER, SAFER OR GREENER



SO WHERE DO YOU START?

Start with a trusted partner that can deliver global innovation on a localized scale, wherever and whenever it is needed.

Start with a commitment to continuous improvement, and the knowledge that it takes years to become an overnight success. **Start with** a collaborative approach that can bring together great minds. **Start with** pioneering innovation that clears a path for the bathroom pods of the future, no matter what form they take.

START WITH SIKA

With a full suite of solutions, Sika is a key strategic partner for prefabricated bathroom manufacturers. By collaborating on advance development projects and engaging early in program development, we help customers optimize designs, identify cost savings and reduce complexity.

AUTOMATED TILE SETTING

SIKA'S REAL BENEFIT FOR CUSTOMER! Thanks to our innovative construction systems, we can offer tailor made, high quality solutions for bathroom pods production, all according to your requirement. Our advanced technologies, high level of service, and unique expertise, means we can provide the most intelligent solutions for your existing and future needs.

Prefabricated bathroom manufacturers rely on Sikaflex®-950, which offers a durable and cost-optimized solution for tile bonding on panels, where gap filling, high dynamic stress resistance and low emissions are required.

Sikaflex®-950 is a two-component adhesive sealant based on silane terminated polymer (STP) technology with good gap filling performance and pumpability over long distance. This solution cures by chemical reaction of both components and forms a durable elastomer.

Sikaflex®-950 is suitable, also for a large surface bonding, on substrates such as metals, aluminum, metal primers and paint coatings, glass, and plastics.

KEY PRODUCT FEATURES

- Wide adhesion range, bonds well without the need for special pretreatments
- Good gap filling capabilities
- Easy to pump, particularly suitable for automatic processes
- Low odor
- Meets highest EHS standards as it is free of isocyanate, solvents, PVC and phthalates (EC1^{PLUS})

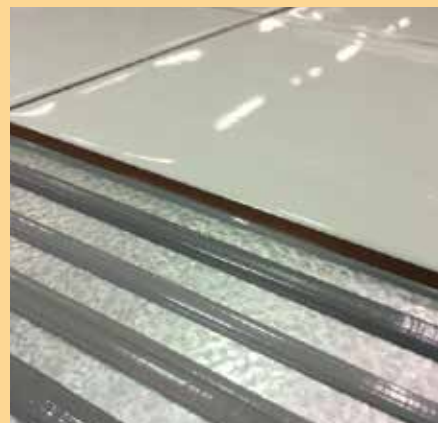
AUTOMATED APPLICATION

SAVE 6 TO 12 HOURS PER BATHROOM

PROCESS OPTIMIZED PRODUCTS



AUTOMATIC PROCESS



DIGITALIZATION SOLUTIONS

3D CONCRETE PRINTING

3D CONCRETE PRINTING OFFERS MANY BENEFITS TO YOUR MODULAR PROJECT.

Traditional concrete placing is the most economic construction method and as consequence 3D concrete printing should be competitive with traditional method to demonstrate its efficiency. This is precisely what Sika's technology is designed to achieve.



BENEFITS FOR MODULAR BUILDING MANUFACTURERS

Using Sika's 3D printing know-how, manufacturers of concrete modules or panels and/or bathroom pods benefits from the following advantages:

- Ultimate "form follows function" efficiency: new design possibilities.
- New customized, complex designs and structures possible.
- Lower construction costs.
- Digitalize and industrialize your process to streamline and reduce material waste.
- Improve production of higher quality elements by utilizing machine-perfect fabrication.
- Time saving and increase productivity: automated process with less labor, no formwork and immediate setting 3D ink.

Printer size up to
5 meters
to build large precast parts

3D
Technology Center for prototyping

7 patents
on printing processes, innovative materials and mixtures for 3D printing

Horizontal and vertical speed up to
1 m/s
and 20 cm/min. absolute accuracy of < 1 mm

Flow control up to
2 ton/h
for complex shapes flow with 3 sec. mixing for an ultra high performance concrete

Innovative
awards
at the European World of Concrete

SIKA, YOUR PARTNER

COMPLETE SOLUTION PROVIDER

Reduce material and waste
for a more

sustainable

manufacturing process

Expert specification support
combining industry

know-how

with construction products

High
quality

products and services to meet local
and international building regulations

Automation for

reduction

in labor costs

Improve structural
integrity

and reduce weight by use
of adhesives

Acoustic solutions to aid noise

reduction

and improve comfort

Simplified processes to
reduce errors

and rework costs,
thereby increasing outputs

Safe and secure buildings
with fire

protection

systems

FULL RANGE OF PRODUCTS

The products listed for exterior and interior applications are a selection of the wider range that we offer. The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical department of Sika Industry.




ROOFING

Metal / concrete or wood deck construction




PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
 <p>Sarnafil® T</p>	<ul style="list-style-type: none"> ■ FPO based roof waterproofing membrane ■ Sarnafil® TG 66: Ballasted systems ■ Sarnafil® TG 76: Adhered systems ■ Sarnafil® TS 77: Mechanically fastened systems 	<ul style="list-style-type: none"> ■ Proven performance over decades ■ Various colors available ■ Resistant to permanent UV exposure ■ High dimensional stability due to glass fleece inlay ■ Resistant to permanent wind exposure ■ Resistant to all common environmental influences ■ Resistant to micro-organism ■ Resistant to root penetration 	<ul style="list-style-type: none"> ■ Matt top surface: Beige, Window grey (RAL 7040), Traffic white (RAL 9016) ■ Thickness: 1.2/ 1.5/ 1.8 or 2.0 mm ■ Standard roll size: 2.00 m width Length: 15.00 to 25.00 m ■ Jumbo rolls available
 <p>Sikaplan® PVC</p>	<ul style="list-style-type: none"> ■ PVC based roof waterproofing membrane ■ Sikaplan® SGMA: Ballasted systems ■ Sikaplan® SGK: Adhered systems ■ Sikaplan® G: Mechanically fastened systems 	<ul style="list-style-type: none"> ■ Resistant to UV exposure ■ Resistant to permanent wind exposure ■ High dimensional stability due to glass fleece inlay ■ Resistant to most common environmental influences ■ Hot air weldable ■ No open flame equipment required ■ High water vapour permeability ■ Resistant to mechanical influences ■ Resistant to micro organisms ■ Resistant to root penetration 	<ul style="list-style-type: none"> ■ Matt top surface: Different colors available ■ Thickness: 1.2/ 1.5/ 1.8 or 2.0 mm ■ Standard roll size: 2.00 m width Length: 15.00 to 25.00 m ■ Jumbo rolls available
 <p>Sikalastic®-560 system</p>	<p>Sikalastic®-560 is a cold-applied, one-component waterborne liquid applied waterproofing membrane, highly elastic and UV resistant.</p>	<ul style="list-style-type: none"> ■ One-component - ready to use ■ Cold applied - requires no heat or flame ■ Seamless waterproofing membrane ■ UV resistant and UV stable ■ Highly elastic and crack-bridging ■ Easily recoated when needed - no stripping required 	<ul style="list-style-type: none"> ■ 4 kg and 20 kg plastic pails ■ System consist of primer, base coat, reinforcing fleece and top coats ■ Total consumption: $\geq 0.9 - 1.4 \text{ kg/m}^2$
 <p>SikaShield®</p>	<p>Waterproofing membrane for balconies and terraces, flat or sloping roofs with up to 15% gradient or single layer under heavy protection.</p>	<ul style="list-style-type: none"> ■ Highly flexible in cold temperatures (from 0 to -35°C) ■ Very good mechanical properties (tensile, tear, shear) ■ Provides consistent level and thickness ■ Reinforced with a non-woven polyester fabric dimensionally stabilised with glass fibre 	<ul style="list-style-type: none"> ■ Top surface: Mineral granules for exposed roofs Plain surface for under-layers ■ Bottom surface: PE foil for torch application Removable foil for self-adhesion ■ Roll width: 1.00 m Roll length: 10.00 m ■ Various thicknesses and weights

Other additional accessories for the detailing along upstands and penetration available





CONCRETE ADMIXTURES AND ESSENTIALS

	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
For concrete	<p>Sika® ViscoCrete®-1030</p> 	Suitable for production of concrete in precast industry, especially with extended workability and high early strengths requirements.	<ul style="list-style-type: none"> Water reduction, resulting in improved density, higher strength and reduced permeability Improved fair-faced surfaces 	<ul style="list-style-type: none"> Drums 200 L Containers 1000 L Bulk supply on demand
	<p>Sika ViscoFlow®</p> 	Can be used as a high performance workability enhancing admixture without any significant retardation of the initial setting of the concrete.	<ul style="list-style-type: none"> Extended workability, water reduction Preliminary testing should always be carried out 	
	<p>SikaFiber® range</p> 	<ul style="list-style-type: none"> Fibers are an ideal ingredient for improving the performance and durability of concrete The Sika range includes micro, macro and steel fibers 	Fibers increase energy absorption and fire resistance, whilst reducing shrinkage cracks, fracture formation and cracks widths.	

PREPARING THE BASE AND THE FLOOR SURFACE






	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
Surface preparation	<p>Sikafloor®-200 Level</p> 	Very low emission, polymer modified cementitious floor levelling compound, for smoothing and levelling interior and exterior subfloors.	Self-levelling, layer thickness 3 - 40 mm, waterproof against dispersion adhesive, suitable for application on subfloor heating systems, very low tension / stress on substrate, pumpable.	<ul style="list-style-type: none"> 25 kg bag
	<p>Sikafloor®-01 Primer</p> 	<ul style="list-style-type: none"> For foil membrane system Reducing absorbency, improving adhesion Substrate protection against moisture from levelling compounds 	<ul style="list-style-type: none"> Short waiting time, low consumption, high coverage, can be sprayed Can be applied to almost all substrates Grip promoting EC1EC 1^{PLUS} certified 	<ul style="list-style-type: none"> 5 kg and 10 kg plastic can 1 kg bottle
	<p>Sikafloor®-03 Primer</p> 	<ul style="list-style-type: none"> For dry wall installation Good substrate penetration Resistant to saponification Suitable for application on subfloor heating systems 	<ul style="list-style-type: none"> Short waiting time quick drying time, easy to apply Can be sprayed Grid promoting 	<ul style="list-style-type: none"> 10 kg plastic can

ANCHORING AND GROUTING

	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
Anchoring	<p>Sika Anchorfix®-2+</p> 	Sika AnchorFix®-2+ solvent and styrene-free, epoxy acrylate-based, 2-component anchoring adhesive for normal/moderate climate conditions.	<ul style="list-style-type: none"> ■ Ease of application, with a chemical anchor alternative to a mechanical fixed anchor. ■ No additional force of the substrate ■ Ideal for using around lifting rings 	<ul style="list-style-type: none"> ■ Cartridge 300 ml ■ Cartridge 550 ml
	<p>Sikadur®-31</p> 	Moisture tolerant, thixotropic, structural 2-component adhesive and repair mortar, based on epoxy resins and special fillers, designed for use at temperatures between +10°C and +30°C.	Easy to mix and apply, very good adhesion to most construction materials, high strength adhesive, non-sag in vertical and overhead applications, hardens without shrinkage, no primer needed, impermeable to liquids and water vapor.	<ul style="list-style-type: none"> ■ Pre-batched unit ■ Part A x 20 kg ■ Part B x 10 kg
Grouting	<p>SikaGrout®-212 N</p> 	1-part, cementitious, expanding, shrinkage-compensated universal grout for layer thicknesses of 10 – 90 mm.	Rapid strength development, very good flow properties, high final strength, shrinkage compensated, easy processing, easy to mix, simply add water, can be pumped or cast.	<ul style="list-style-type: none"> ■ Bag 25 kg
	<p>Parex E33 Epoxy Grout</p> 	An epoxy resin high strength flowable grout designed to provide the highest levels of compressive, tensile impact and flexural strength.	Suitable for a broad range of applications including base plates, bridge bearings, reciprocal machinery, high impact loads, etc.	<ul style="list-style-type: none"> ■ Supplied as a 3-component mix ■ Pre-batched unit ■ 28.5 kg (A+B+C)



DOORS AND WINDOWS

Doors and windows installation









PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
<p>SikaHyflex®-220 Window</p> 	1-component, moisture curing, elastic joint sealant, designed for the installation of SikaMembran® Window and perimeter joints between windows and/or doors and building parts.	Very good workability; low extrusion force; over-paintable; very good adhesion on PVC; movement capability +/-25% (ISO 9047); good adhesion to porous and non-porous substrates; solvent free.	<ul style="list-style-type: none"> ■ Cartridge 290 ml ■ Foil pack 600 ml
<p>SikaMembran® Window Outside</p> 	Flexible membrane equipped with a pressure sensitive tape for fast and efficient installation. Designed for the external sealing of windows, doors and panels.	Flexible membrane, ideal for three dimensional fittings; double-sided fleece backing for optional over rendering; fast, easy and secure application.	<ul style="list-style-type: none"> ■ Roll of 50 m ■ 4 rolls per box (total 200 m) ■ Width: 70, 100 or 150 mm
<p>SikaMembran® Window Inside</p> 	Flexible membrane equipped with a pressure sensitive tape for fast and efficient installation. Designed for the internal sealing of windows, doors and panels.	Flexible membrane, ideal for three dimensional fittings; double-sided fleece backing for optional over rendering; fast, easy and secure application.	<ul style="list-style-type: none"> ■ Roll of 50 m ■ 4 rolls per box (total 200m) ■ Width: 70, 100 or 150 mm
<p>Sika Window Tape One</p> 	Sika Window Tape One is a multifunctional special tape with outstanding qualifications, designed for efficient installation of windows and doors.	Very good air tightness, sound and thermal insulation; optimal humidity transport towards outside; reduces convection heat loss; efficient and cost reduced installation.	<ul style="list-style-type: none"> ■ For joint width 3 - 18 mm: Width 64 or 74 mm, Roll length 20 m ■ For joint width 5 - 30 mm: Width 64 or 74 mm, Roll length 12 m
<p>Sika Boom® G</p> 	Gun applied expanding polyurethane fixing foam, 1-component, designed for fixing, insulating and filling connection joints around window and door frames.	Easy application with application gun; fast curing; very good thermal insulation; effective sound dampening; HFC-free.	<ul style="list-style-type: none"> ■ 750 ml can with rubber valve ■ 12 cans per box

EXTERIOR FACADE





Membranes

PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
<p>SikaMembran® Universal</p> 	SikaMembran® Universal is an EPDM sheet membrane with a high vapor diffusion resistance and is thus applicable on both the warm and the cold side of the construction under most climatic conditions.	Highly flexible waterproofing and vapor control system, Fast, easy and secure application even in corners, Membrane pre-treatment free, Ozone- and UV resistant.	<ul style="list-style-type: none"> ■ Roll length 25,00 m ■ Roll width 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 800, 1000, 1400 mm
<p>SikaBond® TF plus N</p> 	SikaBond® TF plus N is a 1-component, PU-based adhesive for the SikaMembran® facade membrane system.	Secure application with good sag resistance; bonds well to concrete, aluminum (anodized or powder-coated), timber and other standard construction materials; fast curing.	<ul style="list-style-type: none"> ■ Unipack 600 ml




STRUCTURAL BONDING, ASSEMBLY OF THE WALLS

	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
Structural bonding	<p>SikaForce®-7100 range</p> 	Easy processing one or bi component PUR adhesive for discontinuous panel production line.	<ul style="list-style-type: none"> ■ To enhance panel performance ■ To improve the production efficiency ■ Meet Euroclass A2:s1:d0 Reaction To Fire classification 	<ul style="list-style-type: none"> ■ Pail 25 kg ■ Drum 195 L
	<p>Sikaflex®-545</p> 	1-component Silane Terminated Polymer (STP) assembly adhesive, bonds well a wide range of substrate with minimal pre-treatment.	<ul style="list-style-type: none"> ■ Powerful initial grab, very low emission, meets highest EHS standards. ■ EC1 certificate 	<ul style="list-style-type: none"> ■ Cartridge 300ml ■ Unipack 600 ml ■ Drum 195 L
	<p>SikaForce®-840 L7</p> 	Suitable for structural elastic bonding of composites (e.g. CFRP, GFRP) or coated metals in general industry.	Combination of structural properties and flexibility, stable mechanical properties, fast curing at room temperature and suitable for quick assembly, excellent compressibility, low odor.	<ul style="list-style-type: none"> ■ Cartridge bi comp. 400 ml ■ Hobbock (A) 19 kg ■ Hobbock (B) 19 kg
	<p>Sikasil® SG range</p> 	1 or 2-part structural glazing adhesive, high mechanical strength and movement capability.	Strong but flexible fixation of glass units, attractive appearance without visible frames, most energy efficient facade technology.	<ul style="list-style-type: none"> ■ Cartridge, Dual Cartridge ■ Pail ■ Drum
Sandwich panel adhesives	<p>SikaBond®-115 Strong Fix</p> 	<ul style="list-style-type: none"> ■ For indoor use ■ For bonding on porous construction materials such as concrete, mortar, fiber cement, wood and plaster 	<ul style="list-style-type: none"> ■ Best-in-class lap shear strength ■ Best-in-class adhesion ■ High final strength ■ EMICODE EC1, A+, LEED v4 	<ul style="list-style-type: none"> ■ Cartridge 290 ml
	<p>SikaTack® Panel-10</p> 	1-component polyurethane for panel bonding in ventilated facades and interior wall cladding.	<ul style="list-style-type: none"> ■ Elastic fixing system, vibration and movement absorbing ■ Panel are invisibly attached to the substructure 	<ul style="list-style-type: none"> ■ Cartridge 300ml ■ Unipack 600 ml
	<p>SikaTack® Panel Primer</p> 	Pigmented, solvent-based primer for the SikaTack® Panel system.	Specifically formulated for the treatment of bond faces prior to application of SikaTack® Panel adhesives.	<ul style="list-style-type: none"> ■ Can 1000 ml
Interior wall levelling	<p>SikaWall®-177 RDF</p> 	<ul style="list-style-type: none"> ■ Resin modified special white cement levelling compound, based on white cement ■ Especially suitable for levelling walls and ceiling in restructuring and renovation. ■ For interior use 	Very sturdy, highly fillable, good bonding to nearly all substrates; in many cases no priming required; very smooth application; very good grindable; can be polished and smoothed very easy.	<ul style="list-style-type: none"> ■ 20.0 kg paper sack ■ 4.0 kg paper sack (4 pieces per unit)





WATERPROOFING

	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
Liquid Applied Membrane	<p>Sikalastic®-220 W</p> 	<ul style="list-style-type: none"> One component, water based resin for wet rooms Provides a fully bonded waterproof finish ready for the application of tiles Internal use 	<ul style="list-style-type: none"> Ready to use Suitable for use horizontally and vertically Applied on different substrates (concrete, gypsum board) Conform to ETAG 022:1 	<ul style="list-style-type: none"> 7 and 16 kg containers
Membrane systems	<p>SikaCeram® Sealing Fix</p> 	<p>2-part component, waterproof adhesive used for bonding SikaCeram® Sealing Membrane W (interior).</p>	<ul style="list-style-type: none"> Watertight, crack bridging, very low emissions, low dust, roller or trowel applied Typical bonding substrates: cementitious, gypsum boards 	<ul style="list-style-type: none"> Parts A+B: 7.8 kg container
	<p>SikaCeram® Sealing Membrane W</p> 	<ul style="list-style-type: none"> Flexible sealing and decoupling membrane used for waterproofing walls and floors under tiles in wet rooms (eg, bathroom) Indoor use 	<ul style="list-style-type: none"> Waterproof, water vapor tightness, crack bridging, easy to apply, suitable for heated floors GEV-Emicode EC 1^{PLUS}, ETAG 022 Part 2 	<ul style="list-style-type: none"> 1.0 m x 30 m long roll
Accessories	<p>Sika® SealTape F</p> 	<p>Crack-bridging and waterproofing tape used in combination with Sika waterproofing products for reducing the risk of leakage at locations (wall corners, floor-to-wall connections, pipe entries etc.</p>	<ul style="list-style-type: none"> High elasticity, high breaking strength Easy to install Waterproof and watertight Chemical resistant <p>Preformed sections:</p> <ul style="list-style-type: none"> Sealing tape Inside corner Outside corner Wall patch D14 Floor patch Slope edge 20 mm, 28 mm, 38 mm Left and right 	<ul style="list-style-type: none"> Width ~120 mm Length ~25 m / ~50 m Roll of 25 m / 50 m Box with 20 pieces Box with 20 pieces Box with 20 pieces Box with 10 pieces Box with 10 pieces




TILES ADHESIVES

	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
Traditional	<p>SikaCeram®-270 Multiflow</p> 	<ul style="list-style-type: none"> Versatile fast-setting tile adhesive, suitable for all types of ceramic tiles Can be used interior, on floor and walls 	<ul style="list-style-type: none"> Different application consistencies Deformable Fast setting No vertical slip Very low emissions 	<ul style="list-style-type: none"> 25 kg bag
Automatic	<p>Sikaflex®-950</p> 	<p>Two-component adhesive sealant based on STP technology suitable for large surface bonding, on substrates such as metals, aluminum, glass and plastics.</p>	<ul style="list-style-type: none"> Wide adhesion range (no special pretreatments) Easy to pump Low odor Meets highest EHS standards 	<ul style="list-style-type: none"> Dual Cartridge (A+B) 400 ml Sikaflex®-950 A: Pail 23 L, Drum 195 L Sikaflex®-950 B: Pail 23 L, Drum 195 L
Grout	<p>SikaCeram® Large Grout</p> 	<ul style="list-style-type: none"> One-pack cementitious tile grout for joint from 4 to 20 mm width Suitable for all types of ceramics Perfect for over underfloor heating 	<ul style="list-style-type: none"> High resistance to abrasion Very good workability Easy to clean CG2 WA classified (EN 13888) 	<ul style="list-style-type: none"> 25 kg bag

SEALING AND BONDING



Sealant & adhesives	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
	Sikasil® C 	Neutral-curing silicone sealant for construction and sanitary applications.	<ul style="list-style-type: none"> ■ Ideal where providing additional sand is a problem ■ No shrinkage, very good finishing ■ Rapid-hardening 	<ul style="list-style-type: none"> ■ Cartridges 300 ml, 12 pc/box ■ Foil pack 400 ml, 20 pc/box ■ Foil pack 600 ml, 20 pc/box
	Sikaflex®-111 Stick & Seal 	<ul style="list-style-type: none"> ■ 1-part, multipurpose adhesive and sealant with a very broad adhesion and sealing profile ■ Internal and external use 	<ul style="list-style-type: none"> ■ Bonds well to a wide variety of substrate without surface pre-treatment ■ Good mechanical resistance and weathering resistance 	<ul style="list-style-type: none"> ■ Cartridges 290 ml, 12 pc/box
	Sikaflex®-11 FC Purform 	1-part, "All-in-one" moisture curing elastic adhesive and sealant. It is used for interior and exterior multipurpose bonding and joint sealing.	<ul style="list-style-type: none"> ■ Movement capability of +/-25% ■ Easy to apply and non-sagging ■ Bonds to most construction materials ■ Very low monomer content ■ No training on the safe use of diisocyanates (REACH) required 	<ul style="list-style-type: none"> ■ Cartridges 300 ml, 12 pc/box ■ Foil pack 300 ml, 20 pc/box ■ Foil pack 600 ml, 20 pc/box
	SikaSeal®-106 Construction 	<ul style="list-style-type: none"> ■ Sealing joints for connection joints, window and door frames, precast concrete elements ■ Interior and exterior use 	Elastic, low stress on substrate, compatible with EPS/XPS, can be over-painted, Phthalate free, water-borne, resistant to weathering.	<ul style="list-style-type: none"> ■ Cartridges 280 ml, 12 pc/box ■ Foil pack 600 ml, 20 pc/box

PASSIVE FIRE PROTECTION



Passive fire resistance	PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
	Sika Boom®-400 Fire 	Fire resistant 1-part PU expansion foam for interior joints in walls. Joints in fine compartment walls.	<ul style="list-style-type: none"> ■ Very easy to use, fast application ■ Can be used with straw or application gun ■ Up to 4 hours fire resistance 	<ul style="list-style-type: none"> ■ Cans 750 ml, 12 pc/box ■ Colors: pink
	Sikacryl®-621 Fire 	Fire resistant, phthalate-free acrylic sealant for interior joints and penetration seals in walls and floors.	<ul style="list-style-type: none"> ■ Extremely versatile, can be combined with many other Sika passive fire protection products ■ Up to 4 hours fire resistance 	<ul style="list-style-type: none"> ■ Cartridges 300 ml, 12 pc/box ■ Foil packs 600 ml, 12 pc/box ■ Colors: white, grey
	SikaSeal®-628 Fire Wrap 	Restores the fire resistance performance of a floor or wall which incorporates service openings containing plastic or composite pipes.	<ul style="list-style-type: none"> ■ Ready to use, pre-cut strips for pipe diameters from 32 to 250 mm ■ Highly intumescent ■ Invisible installation ■ Up to 4 hours fire resistance 	<ul style="list-style-type: none"> ■ 25 pieces per box

ACOUSTIC SOLUTIONS

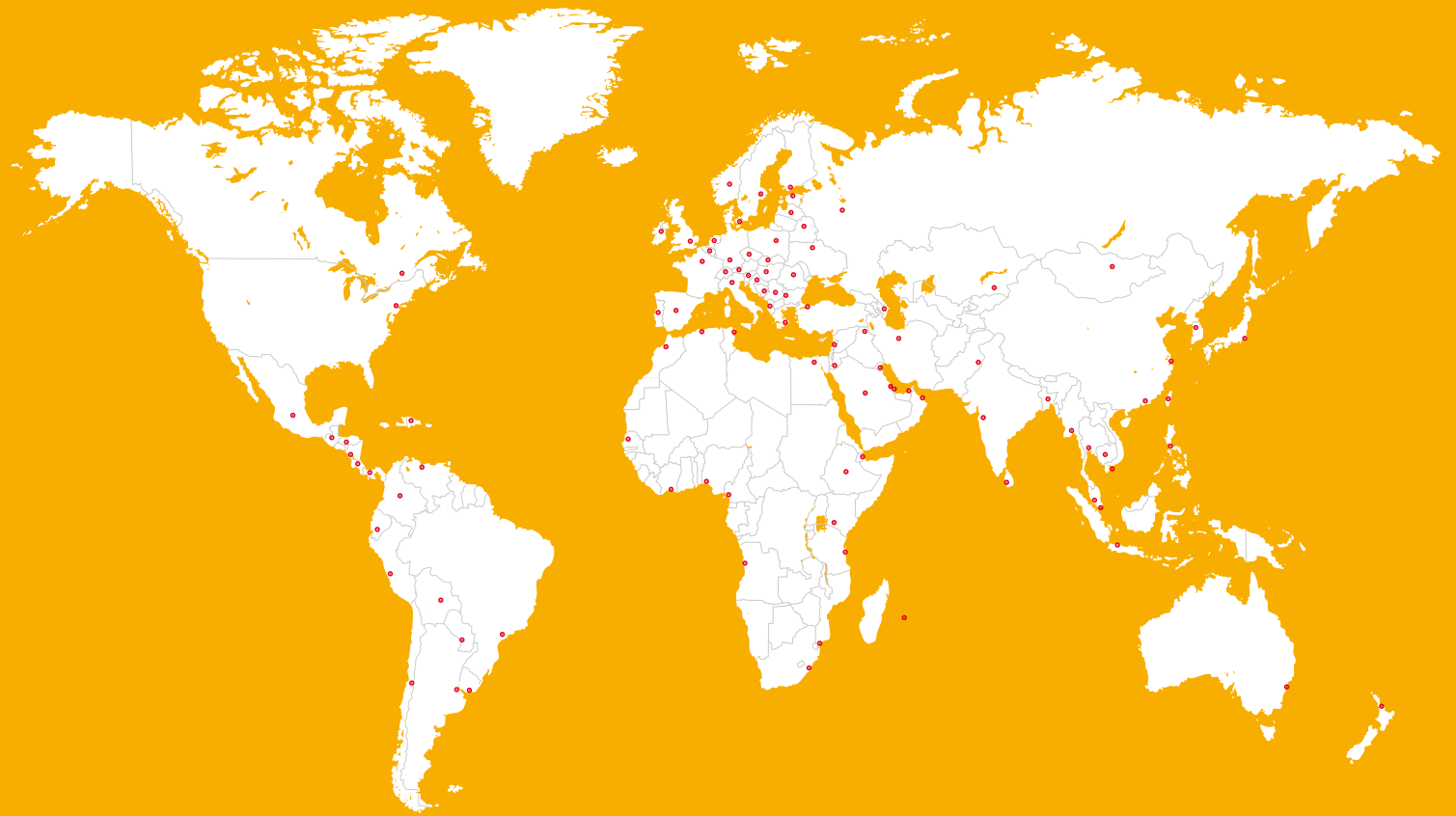
Floor (System PS25)

PRODUCT	USES	ADVANTAGES	TECHNICAL INFORMATION
Sikafloor® Comfort Adhesive 	<ul style="list-style-type: none"> Two part, total solid, low VOC, PUR used to adhere Sikafloor® Comfort + Regupol 6015H, on concrete and cementitious screeds For interior use only 	<ul style="list-style-type: none"> Good bonding properties Low VOC Non flammable No shrinking after curing Easy to apply 	<ul style="list-style-type: none"> Part A: 17 kg containers Part B: 3 kg containers Part A+B: 20 kg ready to mix units
Sikafloor® Comfort Regupol-6015H 	<ul style="list-style-type: none"> Prefabricated rubber shock pad produced by bonding rubber crumb with a polyurethane compound For interior use only 	<ul style="list-style-type: none"> Permanently flexible Shock and sound absorption High hardness High impact resistance Easy to apply 	<ul style="list-style-type: none"> Roll 67.5 m² Roll width 1.5 m Roll length 45 m
Sikafloor® Comfort Porefiller 	<ul style="list-style-type: none"> Two part, total solid, low VOC, PUR used for sealing and levelling of the permeable surface of prefabricated granular rubber sheets For interior use only 	<ul style="list-style-type: none"> Good bonding properties Low VOC Non flammable No shrinking after curing Easy to apply 	<ul style="list-style-type: none"> Part A: 16 kg containers Part B: 4 kg containers Part A+B: 20 kg ready to mix units
Sikafloor®-330 	<ul style="list-style-type: none"> Elastic, two part, solvent free, self leveling polyurethane resin system, used as a self leveling wear course for Sika ComfortFloor® Pro System For interior use only 	<ul style="list-style-type: none"> Low VOC emission Solvent free Flexible and resilient No shrinking after curing Reduces football sound 	<ul style="list-style-type: none"> Part A: 15.8 kg containers Part B: 4.2 kg containers Part A+B: 20 kg ready to mix units
Sikafloor®-305 W 	<p>Two part water based, low VOC, polyurethane, colored matt seal coat for Sika ComfortFloor® System.</p>	<ul style="list-style-type: none"> Water based Very low odor Good UV resistance, non-yellowing Easy to clean 	<ul style="list-style-type: none"> Part A: 8.5 kg containers Part B: 1.5 kg containers Part A+B: 10 kg ready to mix units

Wall

TOPSILENT Bitex 	<p>Foil with polypropylene textile coating on both faces, used in the building industry to improve the acoustic properties of plasterboard panels of insulating false-walls and false-ceilings.</p>	<ul style="list-style-type: none"> Topsilent is a high density foil that has the acoustic properties of a foil of lead. Can be bonded (Fonocoll, Gipscoll) to the plasterboard or wood panels. Sound insulating power (calculated): 26 dB (mass 5 kg/m², thickness 4 mm) 	<ul style="list-style-type: none"> Roll size (Topsilent 5 kg/m²): 0.60 x 8.50 m, 1.20 x 8.50 m
TOPSILENT Bitex 	<p>In Topsilent Adhesiv one of the faces of the polypropylene finish is replaced by a coating of self-adhesive product protected by a silicone film.</p>	<ul style="list-style-type: none"> Topsilent Adhesiv reduces laying times and does not require the use of nails. Simply remove the silicone film and press the sheet on the surface to be insulated. Sound insulating power (calculated): 26 dB (mass 5 kg/m², thickness 4 mm) 	<ul style="list-style-type: none"> Roll size 1.00 x 8.50 m, Thickness total 4 mm

GLOBAL BUT LOCAL PARTNERSHIP



FOR MORE INFORMATION



www.sika.com/modular-building

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.

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