



YOUR TRUSTED PARTNER FOR
THE OIL AND GAS INDUSTRY

BUILDING TRUST





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DELIVERING THE RIGHT SOLUTIONS TO MEET YOUR CHALLENGES



YOUR TRUSTED PARTNER

At Sika, we recognize that oil and gas industry operate in some of the most demanding environments on the planet. Equipment and structures must maintain peak performance over decades, often exposed to extreme temperatures, corrosive substances, and high pressures. Whether you're developing new facilities or sustaining existing ones, you require solutions that deliver reliable, long-lasting results.

Leveraging decades of international experience in high-stakes industrial settings, Sika offers a complete range of construction and maintenance solutions for the oil and gas sector. Our portfolio includes advanced concrete repair, protective coatings, durable joint sealing, waterproofing and specialized flooring systems designed to protect assets, enhance operational efficiency, and prolong service life.

Working with Sika means collaborating with a partner who truly understands your operational demands and compliance obligations and who provides solutions that keep your facilities safe, productive, and prepared for the future.



SAFETY AND COMPLIANCE

Maintaining safety in oil and gas facilities is a major challenge, given the complexity of operations, stringent industry regulations, and the need to protect personnel, communities, and the environment. Sika supports this by delivering high-performance materials and solutions that strengthen structural integrity and help ensure compliance with rigorous safety standards. By enabling safer construction and reliable long-term operations, Sika helps oil and gas facilities meet regulatory requirements while protecting people, assets, and the environment.



DURABILITY

Durability is a critical challenge in oil and gas industry, where facilities must operate safely and efficiently for decades under extreme conditions. Ensuring resistance to corrosion, cracking, and environmental stress is essential to maintain long-term reliability. Sika addresses this with innovative, high-performance solutions designed to enhance structural resilience and extend asset life. By improving material strength and reducing maintenance requirements, Sika helps ensure safe, robust, and long-lasting oil and gas structures for the future.



SUSTAINABILITY AND DECARBONIZATION

Sustainability and decarbonization are major challenges in oil and gas projects due to the complexity of operations, long asset lifecycles, and the need for materials that can withstand harsh, safety-critical environments. From the large volumes of concrete and steel required to the demands for corrosion resistance, structural integrity, and long-term reliability, implementing sustainable practices throughout construction and maintenance is both essential and challenging. Sika supports sustainability in oil and gas projects through advanced material solutions that improve durability, reduce lifecycle emissions, and extend the operational life of assets. By enhancing performance while minimizing environmental impact, Sika helps operators build resilient, low-carbon infrastructure for the future.

CONCRETE

SOLUTIONS FOR DURABILITY & SUSTAINABILITY

DURABILITY IS A NON-NEGOTIABLE REQUIREMENT for concrete used in Oil & Gas construction, where structures must withstand aggressive environments, high mechanical loads, and long service lifespans. Achieving reliable long-term performance demands rigorous control of material quality, optimized mix designs engineered for harsh conditions, advanced chemical admixture technologies, and a thorough understanding of aggregate-paste transition zones to ensure structural integrity in the most demanding O&G applications.

DURABILITY

Continuous micro-structural changes from within, coupled with environmental impacts, will cause changes in the properties of concrete as it ages. To counter various agents, such as chlorides, sulphates, carbon-dioxide and moisture, impermeability of concrete is key to a long-lasting structure.

Our leading range of concrete admixtures includes Sika® ViscoCrete®, SikaPlast® and Sikament®, all with unique water-reducing properties that allow the use of optimised quantities of supplementary cementitious materials, such as ground granulated blast furnace slag, pulverized fuel ash and micro silica. This enhances the durability of nuclear power

plant structures through the reduction of permeability, water absorption, whilst increasing the resistance to chloride and sulphate attack.

Our admixture specialties such as SikaControl®, Sika® CNI, Sika® FerroGard®, SikaFume® thanks to their action on shrinkage and corrosion inhibition, also contribute towards the durability of concrete.

Beyond durability, Sika's admixtures, developed over decades, also enhance the flexibility, workability, and sustainability of the concrete used in nuclear power plant construction.

SUSTAINABILITY

Concrete admixtures can improve the sustainability of concrete in many ways. Firstly, they can improve the quality and performance of the concrete significantly, which extends its service life. The addition of stabilizing and special water reducing admixtures also enables recycled aggregates to be used for the production of good quality concrete. Finally, the energy required to obtain high early strengths in precast concrete can be greatly reduced or even completely replaced by water reducing and accelerating admixtures.

Our admixtures – Sika® ViscoCrete®, SikaPlast® and Sikament®, along with Sika® Stabilizer (our unique viscosity modifying admixture) – facilitate the increased use of supplementary cementitious materials in concrete. This helps optimize heat of hydration in mass concrete applications, providing better control of peak temperatures.



Sika has been a global leader in construction chemicals since the early 1900s. With a legacy of innovation and technical excellence, Sika has developed advanced admixture solutions to meet the unique demands of highly durable and resilient concrete in the Oil & Gas industry.

Solutions for:	Application	Product	Description
Concrete	Plastic Concrete (S1-S3)	SikaPlast®, Sikament®, Sika® ViscoCrete®	Normal & Mass concrete for raft/foundation, structural concrete
	Fluid Concrete (S3 - S4)	Sika® ViscoCrete®	- High performance & self compacting concrete - Slip Form Concrete
	Self Compacting Concrete	Sika® Stabilizer, Sika® ViscoCrete®	Mass self compacting concrete
	Long Slump Retention	Sika ViscoFlow®, SikaTard®	Retarders and Slump keepers
	Accelerated Concrete	SikaRapid®, SikaSet®, Sika Aer®	Cold temperature casting
	Mass Concrete	SikaTard®, SikaControl®, SikaFiber®	Retarders, Shrinkage reducing agent and micro fibres
	Slab on grade	SikaFibre® Force	Macro fibre to replace steel reinforcement
		SikaFibre®, SikaControl®	Micro fibre and admixture to reduce shrinkage
	High Durability Concrete	Sika® CNI, Sika® FerroGard®, SikaFume®	Corrosion Inhibitor admixture
	Waterproof Concrete	Sika® Hydrofuge	Normal & Mass concrete for raft/foundation, structural concrete
	Pumpable Concrete	Sika® Stabilizer Pump	Pumping help
	Underwater Concrete	Sika® Stabilizer	Anti-wash admixture and cohesion agent
	Precast Concrete	Sika® ViscoCrete®, SikaFiber® Force	Anti-erosion blocks, segments, Tunnel Segments, Precast beams..etc.
Shotcrete	Sika® ViscoCrete®, SikaFiber® Force, Sika® Sigunit® AF	Sprayable concrete for special works	
Tunneling	Back filling mortars, Tail Grease, Polymers	Sika® Stabilizer TBM Range, Sika® Foam TBM, SikaFix®	TBM Specialty products
Concrete Surface Improvement	Mold release agent	Sika® Separol®	Range of Mold Release Agent Normal and Emulsions (Water Based or others)
	Curing compound	Sika® Antisol®	Curing of concrete surfaces (Non-Film Forming or Film Forming)
	Surface Retarders	Sika® Rugasol®	Producing exposed aggregate to reduce surface preparation for subsequent bonding
Structure Post-tensioning	Post-Tension cable grout	Sika® Intraplast® CFG	Cable grout admixture in powder form

WATERPROOFING

ROBUST SOLUTIONS WITH LASTING PERFORMANCE

RELIABLE WATERTIGHTNESS FOR STRUCTURAL DURABILITY

Waterproofing plays a critical role in ensuring the long-term durability, safety, and environmental compliance of Oil & Gas facilities, especially in below-grade applications such as utility corridors, cable trenches, bunds, water cycle and pump pits.

Properly engineered waterproofing systems protect critical structural elements from groundwater ingress, hydrocarbon migration, chemical attack, and environmental degradation. Watertight construction in below-grade zones helps prevent:

- **Structural deterioration** from constant moisture exposure
- **Chemical infiltration** from hydrocarbons or aggressive contaminants
- **Cracking** due to thermal cycling or freeze-thaw conditions
- **Leakage** that could threaten operational integrity or environmental safety

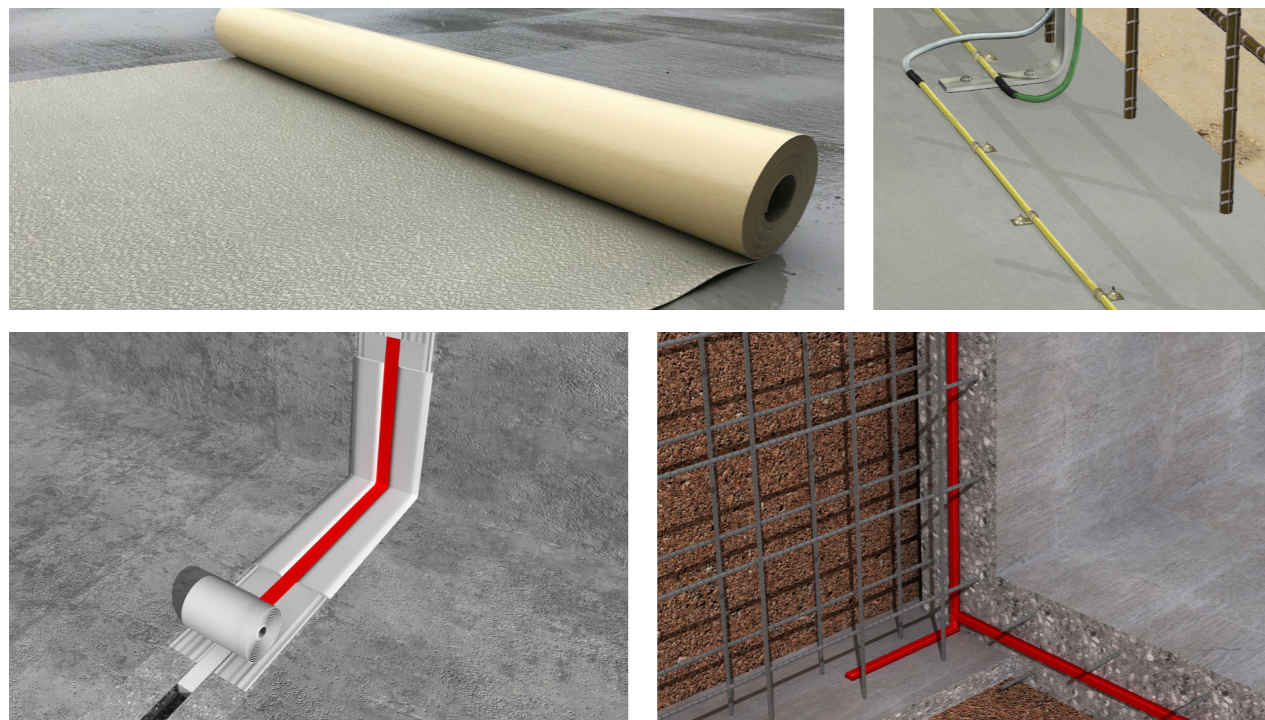
Sika provides high-performance waterproofing solutions such as SikaProof®, Sikaplan®, Sika® Igoalflex®, and SikaShield® that deliver superior resistance to hydrostatic pressure, preventing leaks and enhancing the overall durability of O&G facilities.

POWERFUL SEALS TO CRITICAL JOINTS

Concrete structures in Oil & Gas facilities require numerous construction and movement joints. Each joint presents a potential point of water or chemical ingress. Sika provides a comprehensive range of high-performance joint waterproofing, these include:

- Sika Waterbar® FB-125: A next-generation, fully bonded TPO/FPO water stop engineered for aggressive environments
- SikaFuko® Injection Hose Systems: Reinjectable sealing systems for complex joint geometries and post-construction assurance
- SikaSwell® Profiles: Hydrophilic joint sealing profiles that swell on contact with water or hydrocarbons
- Sikadur® Combiflex® SG: A flexible tape system for sealing joints and cracks under dynamic or high-movement conditions

These solutions ensure that even the most complex joint configurations are securely sealed—protecting against leaks, environmental exposure, and long-term structural degradation.



Solutions for:	Application	Product	Description	
Below - Grade Waterproofing	Construction Joints	Sika Waterbar® FB 125	Next generation TPO/FPO Waterbar based on fully bonded A+ technology	
		SikaSwell® A, SikaSwell® S-2	- Hydro-swelling profile - Hydro-swelling sealant to bond SikaSwell® A profiles on concrete	
	Construction Joints and Expansions Joints	Sika Waterbar® PVC-P Range, Sika Waterbar® Tricomer Range	PVC profiles for construction, expansion joints and compartmentalization	
		Sika Waterbar® Elastomer Range	Rubber profiles for construction and expansion joints	
		SikaFuko® Range	Re-injectable hoses for construction joints (can be used in complement with other joints treatment systems)	
			Sikadur-Combiflex® Range	Post-applied tape systems adhered with epoxy resin onto the membrane, providing an ideal solution for construction and expansion joints
	Injection resins	SikaInject® Range	Full range of injection compounds (Epoxy, PU, Acrylic, Cement)	
	Waterproofing of below-grade Construction	SikaProof® A+	Fully bonded TPO/FPO sheet membrane system for pre-applied and post-applied below ground waterproofing	
		Sikaplan® WP	Loose laid synthetic PVC waterproofing membranes for compartmentalization system	
		SikaShield®	Bituminous sheet membrane for pre-applied and post-applied below ground waterproofing	
Protection of below-grade concrete	Sika® Igoalflex®	Bituminous protection coatings		
Drainage Membranes	Sika® Drain	Protection Membranes for waterproofing and coatings before back filling		



GROUTING & ANCHORING

PRECISION GROUTING FOR RELIABLE EQUIPMENT STABILITY

SECURE LOAD TRANSFER FOR RELIABLE O&G PERFORMANCE

Dynamic machinery—such as compressors, pumps, turbines, and generators—must be installed with precise alignment and secure anchorage to minimize vibration, ensure equipment longevity, and maintain process safety. In the Oil & Gas sector, this is especially critical in high-load, high-temperature, and high-vibration environments. Sika's precision grouting systems meet the stringent performance demands outlined in international standards such as API 686 and ASTM guidelines.

Our cementitious and epoxy grouts ensure effective load transfer, vibration damping, chemical resistance, and dimensional stability—even in offshore or high-temperature zones. Properly executed grouting contributes directly to uptime, safety, and long-term performance of rotating and static equipment across processing units, utilities, terminals, and offshore platforms.

Ensuring the uninterrupted operation of machinery requires precise alignments and levels. Sika's precision grouts are specifically designed to provide full support at the machine base, ensuring effective load transfer to the foundation.

BEYOND STRENGTH: PRECISION GROUTING FOR PERFORMANCE AND RELIABILITY

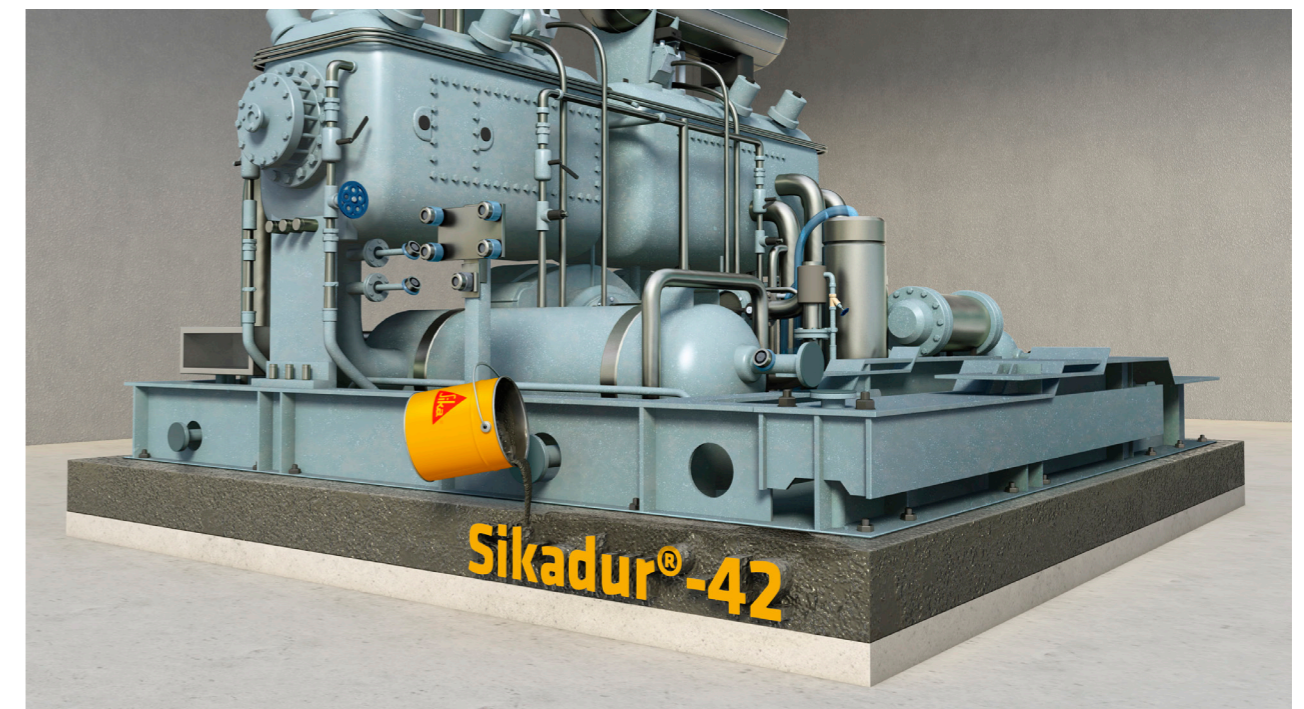
In Oil & Gas facilities, the performance of epoxy grouts goes far beyond compressive strength. While strength is important—particularly to meet the 12,000 PSI (~83 MPa) threshold recommended by **API 686** for heavy rotating equipment—it's only one of several factors that determine long-term reliability.

Sika's advanced epoxy grouts are engineered to deliver:

- **High Ductility:** Unlike brittle systems that fracture under load, Sika grouts maintain structural integrity under dynamic conditions—critical for vibrating and rotating machinery.
- **Effective Bearing Area (EBA):** A high compressive strength is meaningless without proper contact. Sika grouts are formulated for optimal flow and complete contact, minimizing voids and stress concentrations that can lead to misalignment or failure.
- **Controlled Creep:** Long-term dimensional stability under sustained load is essential for equipment alignment. Sika grouts are rigorously tested to ensure low creep and reliable load transfer over time.
- **Thermal Management (Exotherm Control):** Our formulations control peak exotherm during cure, reducing thermal stresses that can compromise the bond line or crack near anchor bolts.
- **Chemical Resistance:** Sika grouts are built to resist hydrocarbons, solvents, and process-related heat fluctuations—ensuring longevity even in aggressive environments.

When selecting a grouting solution for O&G facilities, it's essential to consider a balanced performance profile, not just Compressive strength. Sika offers a full range of precision grouts that meet or exceed international standards while reducing downtime, maintenance, and long-term risk.

Solutions for:	Application	Product	Description
Grouting and Anchoring	Machine/Equipment Foundation Grouting	SikaGrout® Range	Mineral and Metal aggregate cementitious grouts
	Turbine Foundation Grouting	SikaFlow®-648, Sikadur®-42	High Precision high performance epoxy grout
	Ready to use cable grout	SikaGrout® Cable PT, SikaGrout®-300 PT/-1205	Cementitious Cable grout
	Water intake and outfall anchoring grout	SikaGrout®-9650	Ultra strength high performance underwater cementitious grout
	Rail fixing	Sika® Icosit® KC range	2 component Epoxy or Polyurethane grouts for rail fixing
	Fixing rebar/shear connectors (Anchoring)	Sika AnchorFix® Range	Full range of anchor and shear anchor fixing



Sikadur®-42+: High Performance Epoxy Resin Grout

High performance epoxy grout with a modular concept with different reactivities: three different hardener grades for different climate zones (Solution with lower exothermic reaction and higher layer thickness).

SikaGrout®-340+: High Performance Precision Grout with Reduced Carbon Footprint

High performance cementitious grout and pourable concrete repair mortar from 10 to 500 mm thickness (Time saving solution with low carbon footprint).

SUSTAINABLY
IMPACTFUL

PROTECTIVE COATINGS

PERFORMANCE COATINGS FOR HARSH OPERATING ENVIRONMENTS

ADVANCED COATING SOLUTIONS FOR DEMANDING ENVIRONMENTS

Protective coatings are essential to safeguarding Oil & Gas infrastructure from corrosion, chemical exposure, mechanical wear, and environmental stress. From water tanks and treatment basins to chemical storage, secondary containment, and below-ground foundations, Sika's high-performance coating systems deliver long-term durability and compliance in even the harshest operating conditions. Whether protecting assets in the water cycle, resisting aggressive chemicals, or sealing underground concrete, these systems extend asset life, reduce maintenance, and improve plant safety and integrity.

KEY CHALLENGES IN OIL & GAS WATER AND CHEMICAL SYSTEMS

- **Chemical Exposure & pH Variability** – Water treatment units, chemical storage areas, and process basins are frequently exposed to aggressive chemicals, hydrocarbons, and fluctuating pH levels, requiring robust, chemically resistant coatings.
- **Abrasion and Erosion Resistance** – High-flow utility water circuits, cooling towers, and circulating basins experience continuous mechanical wear from solids, flow turbulence, and thermal stress—demanding abrasion-resistant protection.
- **Waterproofing and Leak Prevention** – Cracks and leaks in basins, tanks, and pipelines can lead to structural damage and contamination risks, requiring flexible, waterproof coatings.

Sikagard® coatings enhance surface durability, extend service life, and improve efficiency.



Solutions for:	Application	Product	Description
Chemical Resistance Coatings and Waterproofing	Water Tanks, Basins and Water Intake Chambers	Sikagard® PW/-180/-62	Epoxy Protective Coatings
	Water Tanks	Sikagard®-1814	WRAS Certified, Non-toxic, Semi-flexible High Build, Epoxy Polysulfide Coating
	Immersion, Foundation Protection, Manholes	Sikagard®-1812/-1813	Pitch-free Epoxy Coating System
	High Chemical Resistance Requirements	Sikagard®-1825	Epoxy Protective Coatings
		Sikagard®-63N	Vinyl Ester Protective Coatings
		Sika® Permacor® VEL Range	
	Waste Water, Chemical Resistance	Sikagard®-1815	Flexible High Build, Epoxy Polysulfide Coating
	Waste Water Treatment Coating, Secondary Containment	Sikagard®-7000 CR	Xolutec Protective Coatings
	Natural Draft Cooling Tower Coatings System (Internal Shell)	Sikagard®-2406 Protection	Polyurethane Protective Coatings (VGB Compliant)
	Cooling Towers	Sikagard®-1816	Flexible High Build, Epoxy Polysulfide Coating
Water Channels	Sikagard®-190	Epoxy Polyurethane Protective Coatings	



FLOORING

DESIGNED TO ENDURE

CHEMICAL RESISTANCE, DURABILITY AND OPERATIONAL SAFETY

In Oil and Gas facilities, the performance of floor and wall coatings is crucial for operational safety and preserving asset integrity. Surfaces must withstand aggressive chemical exposure, heavy mechanical impacts, and relentless operational stresses, while consistently meeting stringent safety standards across varied plant zones. Effective, long-lasting protection is vital for maintaining efficiency, ensuring personnel safety, and safeguarding critical infrastructure.

For optimal flooring solutions, Sika addresses diverse needs. New concrete constructions benefit from dry-shake hardeners such as the Sikafloor® SynTop and Sikafloor® QuartzTop range, enhancing surface abrasion resistance from the start. For existing surfaces or specialized requirements, the comprehensive the Sikafloor® MultiDur range offers versatile epoxy and polyurethane systems.

When faced with extreme conditions such as aggressive chemical attack, thermal shock, and severe impact, specialized heavy-duty flooring systems with Sika Ucrete® provide unparalleled resilience.

Key Benefits of Sika Flooring Systems include:

- **Outstanding resistance** to aggressive chemicals, oils, and solvents.
- **Seamless, easy-to-clean** finishes for spill containment and low maintenance.
- **High mechanical strength** for heavy traffic and equipment impact.
- **Antistatic and conductive options** for sensitive areas
- **Customizable slip-resistant** profiles for enhanced workplace safety.

In demanding environments, joints are critical for safety and durability. Sika provides floor joint and expansion joint systems designed for oil and gas facilities. Sika® FloorJoint ensures durable transitions in heavy traffic zones, while Wabo® and Emseal systems address movement and fire-rated applications, ensuring structural continuity and resilience.



Solutions for:	Application	Product	Description
Performance Flooring	Leveling screeds	SikaScreed® Range	Cementitious, pre-mixed bonded screed.
	Concrete floor hardeners and enhancement	Sikafloor® CureHard-24	High performance liquid floor hardener
		Sikafloor® EasyFinish CS-30	High performance dry shake hardener with densifier and finishing aid
	Floors in general areas	Sikafloor® MultiDur ES-30	Self-smoothing epoxy floor system (2 mm)
		Sikafloor® MultiDur ES-10	High build epoxy floor system (0,6 mm)
	Electric conductive flooring	Sikafloor® MultiDur ES-56 ESD	ESD/ECF compliant epoxy system
		Sikafloor® MultiDur ES-24 ECF	ECF compliant epoxy system
	Floors in unstable substrates and social rooms, hallways etc.	Sikafloor® 1324	Static crack-bridging and hard elastic polyurethane flooring
	Chemical resistance floor systems	Sikafloor®-392	Chemical resistance coatings with flexibility
		Sika® Ucrete® Series	Anti-Skid Polyurethane concrete
Architectural Expansion Joint	Expansion joint fire barrier system	Wabo®FireFlex HFF/HFW Emseal SJS	Fire Barrier (Horizontal Application)
Decorative Flooring	Decorative flooring for office buildings, training rooms, canteens, halls	Sika ComfortFloor® PS-22/-24/Marble FX	Resilient polyurethane decorative flooring
		Sikafloor® Terrazzo EM-10	Epoxy terrazzo flooring system



ROOF WATERPROOFING

IMPERMEABLE BARRIERS FOR HIGH-RISK ENVIRONMENTS

LONG-LASTING DEFENSE AGAINST WATER INGRESS

Water ingress is one of the leading causes of deterioration in concrete and steel roof structures, particularly in Oil & Gas facilities where exposure to UV, thermal cycling, and airborne chemicals is constant. Robust roof waterproofing is essential to prevent corrosion, reduce maintenance, and ensure long-term durability of control buildings, substations, laboratories, and other auxiliary structures. By maintaining a watertight envelope, facilities can improve operational safety, energy efficiency, and lifecycle performance.

In Oil & Gas facilities, preventing water ingress through roofs is critical to protect sensitive equipment and maintain operational integrity. Seamless waterproofing membranes that can accommodate complex roof geometries - such as those found on control buildings, substations, or process shelters - are essential.

Sika's high-performance waterproofing solutions, including [Sarnafil®](#), [Sikalastic®](#), and [Sikaplan®](#), provide long-term protection against water ingress in nuclear power plants.

These advanced membranes and coatings ensure:

- **Seamless waterproofing** with excellent adhesion.
- **Resistance to UV and environmental exposure** for extended durability.
- **Crack-bridging capabilities** to accommodate structural movements.
- **Ease of application** for large and complex surfaces.



Solutions for:	Application	Product	Description
Roofing	Roof Waterproofing	Sarnafil® Range	Full Range of TPO membrane and ancillaries' products for Roof waterproofing (Green roof, accessible roof, solar roof... etc.) - Traffic White (RAL 9016)
		Sikaplan® WT	Full Range of PVC membrane and ancillaries' products for Roof waterproofing (Green roof, accessible roof, solar roof... etc.)
		SikaShield® Range	Full Range of Bituminous membrane and ancillaries' products for Roof waterproofing (Green roof, accessible roof, solar roof... etc.)
		Sikalastic® Range	Full Range of Liquid applied membrane and ancillaries' products for Roof waterproofing (Green roof, accessible roof, solar roof... etc.)
	Roof Expansion Joint	Wabo®RoofCover RFC	Strips for Joint Waterproofing



PASSIVE FIRE PROTECTION

FIRE SAFETY FOR CRITICAL OIL & GAS FACILITIES

ENGINEERED FOR SAFETY, PERFORMANCE & COMPLIANCE

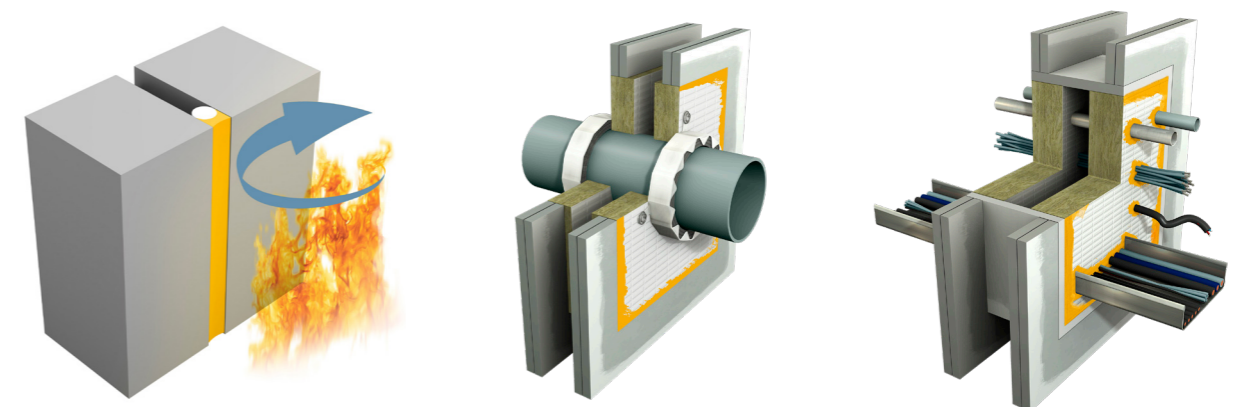
Oil & Gas facilities are among the most high-risk and mission-critical infrastructure, requiring rigorous fire safety and risk mitigation strategies. Fire protection is essential across processing units, utilities, terminals, and auxiliary buildings to ensure operational continuity, safeguard personnel, protect critical equipment, and prevent environmental incidents.

Passive Fire Protection (PFP) is essential in Oil & Gas environments to contain fires, prevent escalation, and maintain structural integrity under extreme conditions. Sika's high-performance PFP systems help safeguard lives, protect vital assets, and ensure compliance with stringent fire safety standards across O&G Facilities: Specially in Processing area and Auxiliary buildings.

As a global leader in construction chemicals and fire protection solutions, Sika provides advanced PFP systems tailored to the stringent requirements of O&G facilities. Our comprehensive range of fire-resistance cable coatings, sealants, wraps, and barrier systems, is designed to perform under extreme conditions while ensuring compliance with international fire safety standards.



Solutions for:	Application	Product	Description
Fire Protection	Firestop of Liner seal and Head of Wall Joints	Sikacryl®-621 Fire+	Firestop and Acoustic Sealant for top of wall joints and other joints
	Firestop of MEP penetration seals	SikaSeal®-623 Fire+	Intumescent sealant
		Sikacryl®-625 Fire+	1-part fire resistance ablative coating
		Sikaseal®-626 Fire Board+	Fire board
		Sikaseal®-627 Fire Collar+	Firestop Pipe collar
		Sikaseal®-629 Fire Wrap+	Firestop pipe wrap
		Sikacrete®-630 Fire+ , Sikacrete®-213F	Fire rated mortar
	Firestop Coating for Electrical Cable	SikaSeal®-641 Fire Coating (KBS Coatings)	Ablative Cable Coating
	Steel Fire rated coating	Sika® Unitherm®	Intumescent coatings for Steel
Concrete Fire Protection	Sika® Pyroplast®	Intumescent Coating for Concrete	



EXTERNAL FINISHING

RESILIENT EXTERIOR SYSTEMS

DURABILITY, WEATHER RESISTANCE, ENERGY EFFICIENCY, AND STRUCTURAL SAFETY

Facades on buildings in Oil & Gas facilities are crucial for structural protection and, increasingly, for energy performance. High-performance solutions must not only withstand corrosive industrial environments but also contribute to reduced energy consumption in climate-controlled buildings like offices and control rooms.

EXTERNAL WALL FINISHING AND INSULATION

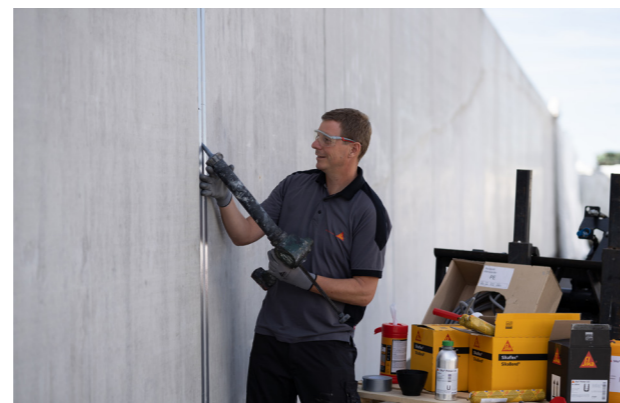
A key component of an energy-efficient building is the Sikatherm® EIFS and ETICS, an external thermal insulation composite system that significantly reduces heat loss or gain. This system works in conjunction with solutions that ensure the total integrity of the facade envelope. Joints are sealed with polyurethane sealants like SikaHyflex®-250 Facade, while wider joints are secured with the Sikadur-Combiflex® tape system, both critical for maintaining airtightness and thermal efficiency. The facade is finished with repair mortars such as Sika MonoTop® and protective colored plastering from the Parex® range.

STRUCTURAL GLAZING AND FACADE BONDING SOLUTIONS

For glazed facades, energy efficiency is achieved through high-performance sealing that prevents thermal bridging and air leakage. Our Sikasil® range includes non-streaking silicone weather sealants and products for structural glazing. These solutions ensure the curtain wall system is perfectly bonded and sealed, contributing to the overall thermal efficiency and stability of the building.

CONCRETE PROTECTION

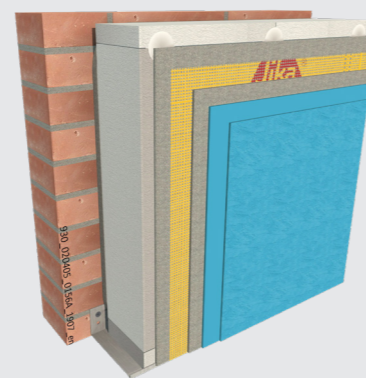
Long-term durability is essential for sustainability. Our Sikagard® products offer advanced protection, including colored, crack-bridging coatings for waterproofing. For exposed concrete, hydrophobic impregnations and corrosion inhibitors from the Sikagard® and Sika® FerroGard® lines prevent deterioration. By preserving the concrete, these systems extend the building's service life and reduce future energy-intensive repairs.



SIKATHERM®

These solutions include complete Exterior Thermal Insulation Composite Systems (ETICS/ EIFS) made from high-quality, rigorously tested, and fully compatible products.

Enhancing a building facade's thermal insulation can reduce energy consumption by 35% or more. Lower heating and cooling demands result in significant energy savings and a reduced carbon footprint.



Solutions for:	Application	Product	Description
Facade	Sealing wide expansion / seismic joints	Sikadur-Combiflex® Range	Post-applied tape systems adhered with epoxy resin onto the membrane, providing an ideal solution for construction and expansion joints
	Facade anti seismic joints	Wabo®SeismicCover WFE/ WFX	Seismic wall expansion joint cover
	Facade fairing coats	Sika MonoTop®, SikaRep®	Fairing and repair mortars
	Facade sealant	SikaHyflex®-250 Facade	Polyurethane Expansion Joint sealants for Facade waterproofing
	Facade colored plastering	Parex® Range	Facade colored plastering
	External Wall Insulation	Sikatherm® EIFS and ETICS	High-performance External Thermal Insulation Composite System (ETICS) for energy-efficient facade insulation
Curtain walls	Curtain walls bonding and sealing	Sikasil® WS-605 S, Sikasil® SG	- High-performance, non-streaking silicone weather-proofing sealant, CE-marked - Products for Structural Glazing for Facade
Facade / Concrete Corrosion Protection	Facade Waterproofing / Anti-carbonation protection	Sikagard®-550 W / -300 Sikagard®-5500	Colored high quality crack bridging elastic coatings
	Concrete protection for fair face concrete	Sikagard®-705L/-706 Thixo, Sikagard® H 1000/1100	Hydrophobic Impregnation
	Concrete corrosion inhibiting impregnation	Sika® FerroGard®-903 Plus, Sikagard®-8500 CI	Surface applied corrosion inhibitor



INTERNAL FINISHING

SURFACES BUILT TO LAST

SAFE AND LONG-LASTING INTERNAL ENVIRONMENT

Ensuring the safety, compliance, and long-term performance of Oil and Gas auxiliary buildings requires a holistic approach to interior protection and finishing. From internal walls, joints to floor leveling and tiling surfaces, every element must work together to create a resilient and secure environment. Sika offers a fully integrated solutions designed to protect the entire building envelope from the inside out.

Robust Internal Wall Protection involves perfecting substrates with repair mortars before applying a durable epoxy wall system, creating a seamless, chemical-resistant finish ideal for critical areas. This protection is integrated with solutions for Architectural Expansion Joints and Fire Sealants, where specialized expansion joint covers and fire barriers work with firestop sealants to ensure structural integrity and fire compartmentalization.

Comprehensive Joints and Cracks Sealing is vital to prevent leaks and contamination. Our range includes high-performance polyurethane and polysulphide sealants for superior flexibility and resistance to chemicals, fuels, and oils. For wider cracks, specialized waterproofing strips deliver a durable, watertight seal, ensuring complete floor and foundation integrity.

A high-performance tiled interior finish, essential for wet rooms like laboratories and restrooms, relies on a complete system to ensure longevity and hygiene. The foundation for a flawless tiled surface is a secure and sealed substrate, achieved with protective waterproofing membranes and high-strength leveling mortars for a perfectly flat base. The system is completed with powerful tile adhesives for a superior bond and durable, chemical-resistant hydraulic grouts, resulting in a robust, seamless, and completely waterproof surface that is easy to clean and ensures long-term performance.

Solutions for:	Application	Product	Description
Internal Wall Protection	Surface Leveling	Sika MonoTop®, SikaRep®	Fairing and repair mortars
	Epoxy Coating for walls	Sikagard® WallCoat WS-11	Epoxy wall system
Architectural Expansion Joint / Fire Sealant	Expansion joint fire barrier system	Wabo®FireFlex VFF	Fire Barrier (Vertical Application)
	Architectural Expansion joint system	Wabo® Range	Expansion joint covers
	Firestop of Liner seal and Head of Wall Joints	Sikacryl®-621 Fire	Firestop and Acoustic Sealant for top of wall joints and other joints
Joints and Cracks Sealing	Polyurethane sealants	Sikaflex® PRO-3 Purform®, Sikaflex® Powercure, Sikaflex®-406 KC, Sika® Ucrete® CR 460	Movement Joint / Expansion Joint
	Polysulphide sealants	SikaSeal®-470 PG / GG Plus	Movement Joint / Expansion Joint
	Sealing wide expansion	Sikadur-Combiflex® Range	Strips for Joint Waterproofing
Interior Finishing	Under Tiling Waterproofing	Sikalastic®, SikaTop®-107 Seal	- Acrylic based waterproofing membrane - 2-component cementitious membrane
	Leveling screeds	SikaLevel® Range, SikaScreed® Range	Flooring leveling mortars
	Tile Adhesive	SikaCeram® Range	Mono-component cementitious tile adhesives
	Tile Grouts	SikaCeram® Grout Range	Mono-component hydraulic tile grouts



CONCRETE REPAIR, CORROSION PROTECTION & STRUCTURAL STRENGTHENING

ENHANCING DURABILITY AND SAFETY

Oil & Gas facilities require durable, high-performance construction materials to ensure safety, structural integrity, and compliance with strict regulations. Concrete in these environments deteriorates due to severe chemical exposure, mechanical stress, carbonation, chloride attack which in coastal and offshore sites, and thermal cycling.

Over time, these factors cause cracking, reinforcing steel corrosion, and loss of structural capacity. Corrosion is a major concern, as it leads to spalling, weakened structures, and safety risks. To address this, Sika offers advanced corrosion protection and concrete repair systems that extend service life.

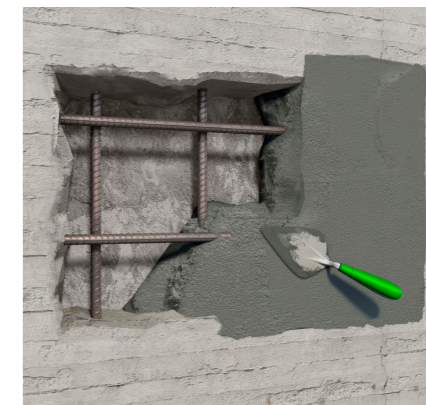
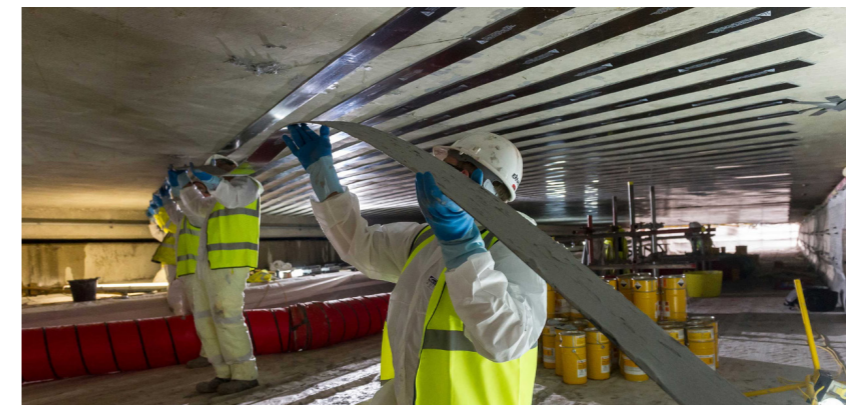
Key Sika brands set the standard in concrete protection and repair. Sika MonoTop® and Sika Emaco® offer proven solutions for structural and cosmetic repairs, ensuring strength and durability in challenging conditions. For corrosion protection, Sikagard® provides advanced surface treatments and hydrophobic impregnations, safeguarding concrete and reinforcing steel against aggressive environments. These trusted systems deliver long-term performance and reliability for critical infrastructure.

In addition to repair and protection, structural strengthening is often essential to extend the service life of aging assets or meet increased load and safety requirements. Sika offers advanced solutions such as Sika CarboDur® carbon fiber reinforced polymer (CFRP) systems, SikaWrap® composites. These systems are engineered to restore or enhance structural capacity, providing efficient and durable reinforcement for critical components.

Sika's comprehensive approach ensures long-term durability, safety, and operational continuity for critical infrastructure in refineries and oil and gas facilities.



Solutions for:	Application	Product	Description
Concrete Repair	Bonding agent for old to new concrete	Sukadur®-31+ (Thixo)/-32	Epoxy bonding agent
	Mortar admixture	SikaLatex® Range	Multi purpose synthetic emulsion
	Adhesive and touch up repair material	Sikadur®-31 Range	Epoxy bedding compound and adhesive
	Rebar protection	SikaTop® Armatec®-110 EpoCem®, Sika MonoTop®-1010	Coating material with corrosion inhibitor used as bonding primer
		Sika® FerroGard® anode series	Galvanic anodes for rebars
	Structural Repair mortars	SikaEmaco® Range, Sika MonoTop® Range	Full range of structural repair mortars (Batch Repair, Pourable and Spray application)
	Reprofiling mortars / Cosmetic Repair	SikaEmaco® Range, Sika MonoTop® Range	Full range of reprofiling and surfacing mortars
Structural Strengthening	Structural Strengthening	Sika® CarboDur®, SikaWrap®	Strengthening systems based on epoxy resins, Carbon-fibre and other composite materials
Concrete Corrosion Protection	Facade Waterproofing / Anti-carbonation protection	Sikagard®-550 W / -300 Sikagard®-5500	Colored high quality crack bridging elastic coatings
	Concrete protection for fair face concrete	Sikagard®-705L/-706 Thixo, Sikagard® H 1000/1100	Hydrophobic Impregnation
	Concrete corrosion inhibiting impregnation	Sika® FerroGard®-903 Plus, Sikagard®-8500 CI	Surface applied corrosion inhibitor



SIKA: A TRUSTED PARTNER

FOR THE OIL & GAS INDUSTRY CONSTRUCTION AND REFURBISHMENT

SIKA IS A SPECIALTY CHEMICALS COMPANY with a leading position in the development and production of systems and products for sealing, bonding, damping, reinforcing, and protecting in the building sector and motor vehicle industry. Sika provides a single source for integrated and compatible solutions from basement to roof.

110 YEARS OF EXPERTISE

Our reputation for quality and reliability is virtually unmatched and is illustrated through a comprehensive portfolio of problem-solving products that have been employed for many years in a diverse range of applications. Whether we are waterproofing your basement or your roof, protecting your floors and wall, sealing your skyscraper or your car, or working with you on your building, you will see why we are renowned for Building Trust.

WORLDWIDE PRESENCE FOR CUSTOMERS

Sika has a long track record of success as a complete system and problem solution provider on many sport facility projects all around the world. With extensive technical expertise and solid practical experience on every continent and in all types of climate and environments, Sika is a highly qualified and reliable partner for all of your projects. Sika has highly professional technical and sales teams to support our customers and their clients. These teams include qualified engineers and technicians with expertise in all of the relevant technologies and applications, together with technical service engineers that have extensive practical installation and on-site training expertise to help ensure that the work is completed correctly and is 'right the first time.'

WHAT MAKES SIKA SUCCESSFUL IS THE COURAGE FOR INNOVATION

Sika's long history of innovation has led to unparalleled success in becoming a recognized global technology leader. The company nurtures and develops an international network of scientists, partners, suppliers, and customers. We provide intelligent solutions using the most advanced technologies, service, and unique expertise. Sika has a worldwide network of 21 Global Technology Centers which take the lead in long-term research programs and the development of new innovative solutions. To meet local markets' specific needs and requirements, new products and systems are also developed across the 19 Regional and 64 Local Technology Centers.

MORE PERFORMANCE - MORE SUSTAINABLE

Innovation in Sustainable Solutions is an integral part of Sika's innovation strategy. Creating value-added products based on both higher performance and sustainability benefits is the key objective of the Sustainability Portfolio Management (SPM) approach.



WORKING WITH SIKA

Sustainability - Sika's commitment to our product development and your project includes Life Cycle Assessments (LCA) according to ISO 14040 and EN15804. Sika has clear targets for achieving a sustainable future in all aspects of our business.

Compatibility - a system approach to ensure long term performance.

Simplicity - Buildability to ensure successful installation without complications.

Dependability - Sika's commitment to suitability and quality ensure long term performance for the intended use.

Flexibility - The range of products and systems we manufacture allows the right choice for the project as well as opportunities for value engineering at the design stage.

Support - Unrivalled technical and practical support throughout the project cycle.

SIKA AT A GLANCE

- 34,000+ employees
- 100+ countries
- 400+ plants worldwide
- 3,900+ patents

Which all means that you are collaborating with a global market leader who will work with you, using our experience and expertise to arrive at the best solutions for your project, wherever it is.

PROJECT SUPPORT



Health & Safety

Safe products. H&S taken into account in design proposals



Single Source Supplier

Integrated solutions. Single point responsibility



Objective Approach to Specification

Wide range of solutions enables objectivity in our proposals



Market Leading, Quality Products

Use the best to achieve best value for the client



Buildability & Compatibility

Design for ease of installation and problem free connections and details



BIM Objects

BIM objects and CAD details to assist design & implementation



Maximizing Value

Design for value, not lowest material cost



Risk Management

Knowledge of international Standards, quality solutions and use of best practice leads to lower risks. Getting it right first time



Single Point of Contact

Time and cost saving, integrated design and compatibility



Time and Cost Saving Solutions

Integrated systems, reducing interfaces and multiple areas of use, all contribute to meeting budget and programme.



Life Cycle Sustainability Analysis

BREEAM and LEED led projects benefit from our solutions



Support through the project cycle

Technical and practical support throughout design, construction and after sales service

EARLY ENGAGEMENT TO ACHIEVE BEST VALUE

SUSTAINABILITY & DECARBONIZATION



OIL & GAS FACILITIES IN THE LOW-CARBON FUTURE

In the net-zero goals era and the shift toward decarbonization and lower emissions, the Oil and Gas sector is under increasing pressure to modernize infrastructure with a sustainability-first mindset. While hydrocarbons will remain a core part of the global energy mix, reducing environmental impact is paramount. Achieving this requires a holistic approach that integrates durable construction materials, energy-efficient systems, and low-emission construction technologies.

SIKA PROVIDES INNOVATIVE, SUSTAINABLE SOLUTIONS

Sika supports the Oil & Gas sector's transition toward decarbonization through construction technologies that lower carbon emissions, extend service life, and reduce the need for maintenance. These include low-VOC protective coatings, low-carbon concrete admixtures, energy-efficient waterproofing membranes, and long-lasting corrosion protection systems.

By improving durability and minimizing environmental impact, Sika helps the industry meet sustainability targets—without compromising safety, compliance, or long-term operational performance.

CONCRETE ADMIXTURES



Sika® ViscoCrete® improves flowability during concrete production by reducing the water content due to its absorption behavior. The reduction in water leads to a higher structural density and reduced porosity in the cement structure.

- Reduced water demand: Up to 35% water reduction per cubic meter of concrete.
- Increased efficiency and durability: +25% higher final mechanical properties.

CONCRETE REPAIR



Sika MonoTop® 4012 is a high-performance and sustainable one-component, ready-to-mix mortar for concrete repair and protection. It contains fly ash as a supplementary cementitious material (SCM).

- Reduced carbon footprint
- Reduced dust formation
- Meets LEED v4 requirements

BASEMENT WATERPROOFING



SikaProof® A is an innovative, fully bonded sheet membrane system for damp-proofing and waterproofing in basements and below-ground structures.

- Easier and faster application: No need for welding or heat, and no maintenance required.
- Resource efficiency: Less material per m² and lower energy consumption, with net gains of 220 MJ per m².
- Lower carbon emissions: Net gains of 4 kg CO₂ per m².

FLOOR FINISHING



Sikafloor®-2510 W is a multifunctional 5-in-1 product that can be used as a primer, scratch coat, roller coat, self-leveling coat, or sealer.

- Low odor and VOC emissions: AgBB, EC1+ certified.
- Lower use of materials: Resource-saving.
- Durable and highly mechanical resistant: The floor lasts long.
- Sustainable packaging: Using bluemint® recycled tinplate.

TILING



SikaCeram®-290 StarLight

High-yield, flexibilized, low-dust tile adhesive with sustainable raw materials for the thin and medium-bed method up to 15 mm layer thickness of class EN 12004 C2 TE S1.

- Reduced CO₂ footprint per square meter
- Low dust formation during handling
- Direct contribution to LEED v4 credits

SEALING JOINTS



Sika® Waterbar® FB-125

A hybrid waterstop with a rough textured surface based on flexible polyolefin (FPO). When fully embedded in cured concrete, it provides a fully bonded, durable watertight seal that prevents any lateral water underflow.

- Reduced CO₂ footprint per linear meter
- No heat welding required: No odor of PVC fumes and less energy used.
- Packaging: Up to 40% less packaging foil used, with more material supplied per pallet compared to traditional PVC products.

A GLOBAL COMPANY BUT LOCAL PARTNER



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.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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BUILDING TRUST

