



YOUR TRUSTED PARTNER IN
MODERN MINING SOLUTIONS

BUILDING TRUST



WITH OVER A CENTURY OF PROVEN EXPERIENCE AND A GLOBAL REPUTATION FOR EXCELLENCE, Sika is committed to being your innovative and reliable partner in modern mining technologies.

Our expertise, combined with a comprehensive range of high-performance products and solutions, ensures that we can meet the unique demands of today’s mining industry. Sika offers tailored, efficient, and sustainable solutions for every challenge you encounter in mining, from ground support and water management to operational efficiency and safety. Our worldwide presence, coupled with local production facilities near your mine site, guarantees that we can deliver our products reliably, minimizing delays and maximizing productivity.

At Sika, we are dedicated to driving success in your mining operations through cutting-edge technologies and personalized service, supporting you every step of the way.

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➔ Please contact your local Sika subsidiary for details as not all products mentioned in this document may be available in your area.

CONCRETE

Over the past century, Sika continues to make significant contributions to the advancement of concrete as a durable and sustainable construction material. As a company, we address the complexities of concrete production and construction processes with both proven and innovative solutions, designed to meet a wide range of demanding challenges found in the mining industry.

CONCRETE APPLICATIONS IN THE MINING INDUSTRY

CONCRETE LINING

Fast and efficient construction of safe, durable concrete structures is made easier with Sika's advanced admixture technologies. Our solutions ensure excellent pumpability, flow, and compaction, followed by high early strength and low permeability—critical characteristics for optimal concrete lining. Sika admixtures provide the performance needed to meet the demands of modern mining, ensuring both safety and long-term durability.

HIGH PERFORMANCE CONCRETE

Sika admixtures designed for high strength and abrasion resistance are essential for mining operations. They provide durability and performance in critical areas such as drawpoints, extraction levels, haulage drifts, and ore pass linings. These different admixtures enable concrete to withstand the harsh conditions of mining operations, offering long-term strength and protection in demanding environments.

SLICKLINES CONCRETE

Slicklines, positioned farthest from the concrete pump and often immersed in concrete for extended periods, require a carefully designed mix to ensure smooth operations. The right use of admixtures is crucial to prevent segregation and blockage, allowing continuous, efficient pumping. Sika's admixture technologies ensure that concrete remains cohesive and flows smoothly through slicklines, minimizing downtime and ensuring uninterrupted work in challenging conditions.

PRODUCTS

Sika® ViscoCrete® - Superplasticizer Sikament® - Superplasticizer

Superplasticizers with strong water-reducing properties and extended workability times, ideal for mining applications requiring efficient concrete placement and high performance.

Sika® ViscoFlow® - Workability enhancer

A specially designed admixture that extends workability times, crucial for mining operations in challenging conditions such as long transport distances and extreme temperatures.

SikaRapid® - Concrete accelerator

Accelerators that deliver precise, high early strength development, reducing cycle times and increasing efficiency in underground mining operations.

Sika® Stabilizer - Viscosity modifying agent Sika® WT - Water resistant admixture

Sika's specialized admixtures are designed to enhance the performance and durability of concrete in mining applications. Products like Sika Stabilizer for consistent quality across raw material variations, and Sika WT for added water resistance, these solutions ensure durable, resilient concrete in demanding mining conditions.

SikaPump® - Pumping aid

Concrete pumping aids that enhance pumpability in challenging conditions, including temperature fluctuations and long transport distances commonly encountered in mining.

SikaFume® - Silica Fume

Fine silica fume added to concrete mixes to significantly improve performance and extend durability, crucial for the long-term demands of mining infrastructure.

SikaTard® - Concrete retarder

Slump retention admixtures specifically formulated for shotcrete, allowing for controlled workability times in varying temperature conditions commonly found in mining.

SikaFiber® - Synthetic or steel fibers

Micro and macro fibers that improve the ductility, impact resistance, and tensile strength of concrete, making it more resilient in the harsh conditions of mining operations.

SikaCare® - Anti-adhesion agent

An easy-to-apply solution that protects metal equipment from rust and prevents concrete spills from sticking, prolonging the lifespan of equipment used in mining operations.

King® Technologies - Pre-bagged concrete

Thiessen® Technologies - Pre-bagged concrete

King® and Thiessen® offer a range of high-performance, pre-blended, and pre-packaged dry-process mixes, each specifically formulated to meet the varied demands of mining and construction projects. Each mix is engineered for durability, stability, and ease of application in challenging conditions, from cold climates to high-impact zones.

Joint waterproofing products

- SikaSwell®: High performance hydrophilic rubber sealing strip which swells in contact with water.
- Sika Waterbar®: range of PVC waterstops extruded from high grade PVC compound that provides a complete sealing for concrete.
- SikaFuko®: re-injectable hose system for sealing various construction and connection joints in watertight concrete structures.

Concrete Ancillaries

Sika offers essential support products like SikaPump® Start-1 for pump optimization, Sika Boom® for expansion needs, Sika® Separol® for easy formwork release, and protective oils for machinery, among others. Each product, while used in small volumes, enhances the quality and efficiency of concrete and shotcrete applications, extending equipment life and ensuring smooth, durable installations.

SHOTCRETE

Shotcrete, or sprayed concrete, integrates various aspects of concrete technology with admixture chemistry and modern material handling and delivery methods. Sika brings extensive expertise and experience in mastering these technologies to meet the most demanding requirements. This includes comprehensive capabilities in both wet and dry spray applications.

SHOTCRETE APPLICATIONS IN THE MINING INDUSTRY

ROCK SUPPORT

Rapid early strength development of shotcrete is critical in mining operations to enable short cycle times and ensure efficient progress. Achieving quick stabilization allows for continuous work in underground environments, enhancing both safety and productivity in the mining process.

SLOPE STABILIZATION

Shotcrete is an ideal solution for slope stabilization in mining, particularly when dealing with steep slopes and pit wall angles. It provides essential protection for workers and machinery in critical areas such as portals, galleries, and ramps, ensuring safety and stability in challenging mining environments.

SIKA ADDED VALUE

- High Early Strengths Achieved Using Sigunit® Accelerators
- Extended Slump Retention with Sika® ViscoCrete® SC Technology
- Laboratory Testing with MiniShot
- On-Site Testing
- Trouble-Free Applications

PRODUCTS

Sika® Sigunit® - Shotcrete accelerator

Shotcrete accelerators designed to meet high early strength requirements. Available in both liquid and powder forms, the Sigunit® range offers flexibility for challenging logistics and various operational needs in mining environments.

Sika® ViscoCrete® - Superplasticizer

Sikament® - Superplasticizer

Superplasticizers that provide high water reduction and extended workability times, ensuring efficient concrete placement even under challenging mining conditions.

Sika® ViscoFlow® - Workability enhancer

A specially designed admixture that extends workability times, crucial for mining operations in challenging conditions such as long transport distances and extreme temperatures.

SikaTard® - Shotcrete retarder

Slump retention admixtures specifically formulated for shotcrete, allowing for controlled workability times in varying temperature conditions commonly found in mining.

SikaFiber® - Synthetic or steel fibers

Sika's micro and macro fibers significantly enhance the ductility, impact resistance, and tensile strength of shotcrete, providing improved durability in harsh mining environments.

SikaPump® - Pumping aid

A specialized pumping aid that enhances concrete pumpability, especially in difficult conditions such as extreme temperatures and long transport distances within mining operations.

Sikafume® - Silica Fume

Fine silica fume added to shotcrete mixes to significantly improve performance and extend durability, crucial for the long-term demands of mining infrastructure.

King® Technologies - Pre-bagged shotcrete

Sika® Shot - Pre-bagged shotcrete

Thiessen® Technologies - Pre-bagged shotcrete

These product ranges englobe a selection of high-performance, pre-blended dry-process shotcrete mixes tailored for mining and construction needs. Comprising Portland cement, silica fume, blended aggregates, and specialized admixtures, these mixes offer enhanced impact resistance, rapid strength development, and excellent shooting characteristics. Designed for durability and ease of use, they perform reliably in challenging environments, including cold climates and high-impact areas.

Concrete Ancillaries

Sika offers essential support products like SikaPump® Start-1 for pump optimization, Separol for formwork release, and protective oils for machinery. These products enhance concrete and shotcrete quality, improve efficiency, extend equipment life, and ensure durable installations.

Flexodrain - Flexible drainage system

Flexible drainage system to divert groundwater, the open channels are positioned manually or with a nail gun.

DIGITAL TOOLS

Think of our digital tools as your personal construction assistants. They are digital services created to enhance your experience with Sika's products, making your processes more efficient and insightful.

SOLUTIONS

Sika Sand App

In a world where high-quality aggregates are increasingly scarce, the Sika Sand App is a critical tool for construction professionals. It redefines aggregate analysis by turning the time-consuming sieving processes into an efficient, mobile, and fast task, allowing us to obtain precise sieve curves with just a picture.

Shotcrete App

The Shotcrete App enables you to effortlessly monitor the early strength development of sprayed concrete, linking the results to the corresponding mix design for comprehensive tracking.

Sika Mix Design App

The key challenges in concrete mix design include balancing sustainability and environmental impact with performance requirements, such as durability and workability, while adapting to new technologies, maintaining quality control, and managing costs in the face of evolving construction demands and environmental challenges.

INJECTIONS & BOLTING

Sika offers a comprehensive range of solutions for injection and anchoring applications in the mining industry, ensuring ground stability and structural integrity in challenging conditions. Sika's advanced grouts and injection systems are designed to enhance safety, efficiency, and durability. These solutions are tailored to address the unique demands of mining operations, providing reliable performance to support both new construction and maintenance projects.

INJECTIONS & BOLTING SOLUTIONS IN THE MINING INDUSTRY

ROCK BOLT & CABLE ANCHORING

Sika's anchoring grouts provide secure, durable bonds for rock bolts and cables, ensuring ground stability in mining environments. Engineered to withstand dynamic loads and ground shifts, they offer fast setting and reliable reinforcement, enhancing safety and efficiency in underground operations.

VOID FILLING

Cavity and void filling is essential for consolidating fractured strata and stabilizing the ground in mining operations. By filling these spaces, the excavation process becomes faster and safer, reducing the risk of collapse and ensuring a more efficient progression through challenging geological conditions.

GROUND STABILIZATION

An efficient method for stabilizing unconsolidated geological perimeters, fractured rock strata, or permeable soils in mining is through the injection of specially formulated grouts, typically cementitious. These grouts help reinforce weak ground conditions, ensuring stability and safety while improving the overall efficiency of the mining operations.

STOPPING WATER

Uncontrolled water ingress in mines represent significant hazards, often leading to long downtimes and costly pumping operations. The Sika® Inject range offers powerful solutions to quickly stop and block water ingress, allowing you to regain hydrological control and resume operations efficiently. These solutions ensure both safety and cost savings by mitigating the risks associated with uncontrolled water in mining environments.

REBAR ANCHORING

In both new construction and refurbishment projects, secure anchoring of rebar and steel reinforcement is essential for structural integrity. Sika provides high-performance anchoring solutions that deliver strong, reliable bonds, ensuring stability and durability even in challenging conditions. Our epoxy and cementitious grouts are designed to withstand tension and shear stresses, making them ideal for critical applications in mining.

PRODUCTS

Sikalnject® - Injection range

Full range of high-quality injection materials. Cement, polyurethane, silicate, and acrylate formulations. Stopping water, void filling, cable and RBA, and ground consolidation.

- **Sikalnject®-100 series** PU foams
- **Sikalnject®-200 series** PU resins
- **Sikalnject®-300 series** Acrylate resins
- **Sikalnject®-400 series** Epoxy resins
- **Sikalnject®-500 series** Silicate foam resins
- **Sikalnject®-600 series** Silicate resin & colloidal silicas
- **Sikalnject®-700 series** Hybrids
- **Sikalnject®-800 series** Cement & microfine injection

King® Cable - Cable anchoring grout

The King® Cable range includes high-performance, shrinkage-compensated anchoring grouts designed for securing cables, tendons, or bolts in rock or soil. These Portland cement-based, unsanded grouts incorporate silica fume for strength and durability, offering excellent washout resistance in challenging conditions.

Sika® Rokkon - RBA cartridges

Bolt grouting cartridges for strata reinforcement in mining to reduce roof collapses.

SikaCem® FLC 100 - Non-shrink grout admix

A powdered admixture for the production of non-shrink, high strength grouts for post-tensioned cables and fixing anchors or bolts in concrete or rock.

Sika® Intraplast® 100 - Expanding grout admix

Admixture is designed to introduce micro bubbles into the grout mix, thereby creating wet volume expansion and increase fluidity without segregation.

Sika AnchorFix® - Adhesive anchoring system

Sika AnchorFix® is a two-part epoxy anchoring adhesive for securing rebar, steel reinforcement, threaded rods, bolts, and fastening systems. It provides high compressive strength, excellent adhesion, and a long open time, making it ideal for new and refurbishment projects.

MINE BACKFILL

Sika's admixtures for paste backfill operations are specifically formulated to optimize performance while significantly reducing water and binder consumption and associated costs. These advanced admixtures also ensure the desired rheology and stability of the paste, helping to lower the pressure in the backfill line. By improving flow properties and reducing operational strain, Sika's solutions enhance both efficiency and cost-effectiveness in your backfill processes.

MINE BACKFILL TYPES IN THE MINING INDUSTRY

CEMENTED ROCK FILL (CRF)

Cemented Rock Fill is a cost-effective solution for backfilling underground mines, requiring no large paste backfill plants but relying on mobile equipment for placement. Sika admixtures in CRF serve to:

- Extend cement hydration window for flexible handling and transport.
- Improve compaction rates for efficient and stable placement.
- Optimize binder usage to reduce costs while maintaining performance.
- Enhance strength development to ensure structural integrity for mining operations.

CEMENTED HYDRAULIC FILL (CHF)

Cemented Hydraulic Fill is commonly used when local sand is available, often mixed with tailings, creating a coarser fill prone to water and slime bleed, which may carry cement and fine material, negatively impacting the strength of the placed fill. Sika admixtures in CHF aim to:

- Optimize binder usage for required strength with minimal waste.
- Enhance stability and reduce segregation, preventing line blockages.
- Minimize decant water to ease pumping challenges.
- Reduce slime run-off for consistent fill strength.
- Lower pump pressure and equipment wear, improving operational efficiency.

CEMENTED PASTE BACKFILL (CPB)

Cemented Paste Backfill admixtures offer a significant opportunity to improve the cost-efficiency and performance of the paste mix in mining operations. The key objectives of using Sika admixtures in a CPB mix are to:

- Reducing binder content while maintaining strength and workability.
- Lowering yield stress to decrease pumping pressures and machinery wear.
- Increasing solid content for faster and more efficient backfilling.
- Ensuring consistent reliability, strength, and workability of the paste.
- Minimizing bleed and segregation for improved quality.
- Enhancing paste plant efficiency, enabling higher fill capacity and shorter cycles.



PRODUCTS

Sika® Stabilizer MBF

Complete range of backfill admixtures, providing the most cost-effective solutions tailored to handle the variations in tailings from diverse geological deposits and ground conditions. These admixtures are designed to adapt to the specific characteristics of your operation, ensuring reliable performance and efficiency in even the most challenging environments.

PRECISION GROUTING

Sika offers a full range of high-quality, high-precision, and high-performance grouting solutions. Including both, cement and resin-based materials such as epoxy, acrylic, and polyurethane. These solutions provide the strength and stability required to support heavy machinery under the toughest operational conditions or anchor any kind of base which has a static load.

PRECISION GROUTING APPLICATIONS IN THE MINING INDUSTRY

ANCHORING DYNAMIC LOADS

Environments subject to constant vibrations, shifting loads, and ground movement need reliable support. Sika epoxy grouts are engineered to handle the stresses of dynamic conditions. Built to resist fatigue and absorb energy efficiently, our solutions enhance safety and performance in the most demanding mining environments.

ANCHORING STATIC LOADS

Sika offers reliable solutions designed to secure critical structures and equipment in place for long-term stability. Engineered for durability and precision, our anchors provide exceptional load-bearing capacity, minimizing displacement and settlement over time.

PRODUCTS

SikaGrout®

SikaGrout® is a high-performance cementitious grout range for applications like heavy equipment bases, cavity filling, bedding joints, and structural repairs. It offers high compressive strength, excellent concrete bonding, fluid consistency, and easy application. Non-corrosive and shrinkage-compensated, it ensures durability and efficiency, meeting industry standards for structural integrity and sustainability in construction and mining.

Sikadur®-42

SikaFlow®

Sika's high-strength epoxy grouts are designed for precision seating of baseplates and heavy-impact equipment like machinery, engines, and crane rails. They offer exceptional compressive strength, are solvent-free, and resist corrosion, impact, and vibration. With low exotherm and dusting properties, these durable solutions ensure robust support and stability in demanding applications.

Sika® Icosit®-300 series

The Sika® Icosit®-300 series is a two-component, solvent-free polyurethane adhesive ideal for rail installations, industrial machinery, and metal-to-concrete bonding. It distributes loads, reduces vibration, absorbs noise, and provides chemical resistance and high tensile strength. With fast-setting, flexible properties and no need for temporary fixation, it ensures reliable performance in demanding environments.

CONCRETE REPAIR & PROTECTION

Sika's advanced repair mortars are designed to restore and protect concrete surfaces under the most demanding conditions. With Sika's concrete repair solutions, structures are reinforced to withstand tests of time and use, promoting safety, reliability, and enduring quality.

CONCRETE REPAIR & PROTECTION APPLICATIONS IN THE MINING INDUSTRY

MAINTENANCE OF UNDERGROUND MINING STRUCTURES

Over time, the concrete linings in underground tunnels and shafts can deteriorate due to moisture, ground movement, and chemical exposure. Repairing cracks and reinforcing these structures are essential for ensuring the safety and stability of underground operations.

PROTECTION OF INFRASTRUCTURE

Heavy machinery and constant traffic can cause wear and damage to concrete floors and foundations in processing plants. Applying protective coatings and performing regular repairs help extend the lifespan of these structures and prevent operational disruptions.

PRODUCTS

Sika MonoTop® SikaEmaco® SikaTop®

These product lines offer versatile solutions for concrete repair and maintenance, ensuring structural integrity and longevity for the concrete structures in the mining business.

SikaGrout®

SikaGrout® is a high-performance cementitious grout range for applications like heavy equipment bases, cavity filling, bedding joints, and structural repairs. It offers high compressive strength, excellent concrete bonding, fluid consistency, and easy application. Non-corrosive and shrinkage-compensated, it ensures durability and efficiency, meeting industry standards for structural integrity and sustainability in construction and mining.

Sikacrete®

Sprayable cementitious repair mortar designed large volume repairs to reinforced concrete structures.

Sikagard®

Range of protective coatings that are designed to protect structures against environmental and chemical damage.

Sikadur®

Range of high-performance, two-component, epoxy-based adhesives and resins.

Sikadur® + SikaWrap®

Strengthening and reinforcing concrete foundations for heavy industrial machinery, such as ball mills and crushers.

Sika® CarboDur®

High-performance carbon fiber reinforced polymer laminate used for external structural strengthening. It is bonded to existing structures using Sikadur® epoxy resin.

Sika AnchorFix®

Sika AnchorFix® is a high-performance, two-component anchoring adhesive designed for secure, durable bonding. The adhesive provides excellent resistance to both dynamic and static loads, ensuring safety and stability in challenging conditions.

Sikalastic®

Range of high-performance, liquid-applied waterproofing membranes.

FLOORING SYSTEMS

Floor coating systems for mining facilities have the toughest job in the workshop. They have to withstand constant heavy machinery traffic and mechanical wear. If the floor can't handle the stress, everything else is in jeopardy.

FLOORING APPLICATIONS IN THE MINING INDUSTRY

WORKSHOPS

Workshops where equipment is repaired or maintained require flooring that can withstand heavy loads, oil spills, and chemical exposure. These areas benefit from flooring systems that are impact-resistant, non-slip, and easy to clean, ensuring a safe working environment.

PRODUCTS

Sikafloor® PurCem®

Range of flooring solutions with high resistance to impact, abrasion, aggressive chemicals and thermal shock.

Sikafloor® MultiDur

This system is custom designed for your conditions whether that means heavy traffic, large equipment, abrasion or harsh chemicals.

Sikafloor® HardTop

Range of heavy duty cementitious floors.

Sika® Ucrete®

Heavy duty industrial flooring widely used in industrial applications.

SURFACE SUPPORT

In mining, surface support systems are applied to various excavated areas to enhance stability, particularly in underground tunnels and open-pit slopes. These systems also provide essential protection against rock falls and ground movements, ensuring long-term safety and minimizing operational disruptions in challenging geological conditions. Sika's advanced surface support solutions deliver superior reinforcement, helping to maintain the integrity of critical mine structures while ensuring operational efficiency and safety.

PRODUCTS AND TECHNOLOGIES

Shotcrete solutions (see page 6)

Sikalastic®

The Sikalastic® system is a liquid-applied waterproofing solution providing seamless, durable protection. Utilizing advanced polyurethane and polyurea technology, it offers high elasticity, crack-bridging, and full substrate bonding, eliminating weak points like joints. Resistant to UV, weathering, and wear, it ensures long-term performance in new and refurbishment projects. Its quick application and curing enhance efficiency, reducing downtime and safeguarding against water ingress in challenging conditions.

Injection and bolting solutions (see page 10)

Sikacrete® series

Sprayable cementitious mortar that can be sprayed on concrete structures before significant wear occurs. It can help reinforce and protect concrete surfaces in high-impact areas, extending the life of structures and reducing the frequency of repairs in ore passes and other demanding environments.

WATERPROOFING MEMBRANES & COATINGS

Waterproofing membranes & coatings in mining protect underground structures, tunnels, and shafts from water ingress, ensuring stability and safety. They prevent groundwater seepage, which can weaken structures, cause flooding, and damage equipment. Additionally, they line water containment areas, tailings storage facilities, and leach pads, preventing environmental contamination. These membranes enhance infrastructure durability and ensure regulatory compliance by managing water infiltration and containment effectively.

PRODUCTS

Sikaplan®

The Sikaplan® series provides versatile waterproofing membranes for the mining industry. The PVC-based Sikaplan® 1100 series offers flexibility and adaptability to structural movements, while the FPO-based Sikaplan® 6200 series delivers durability, chemical resistance, and UV protection. Together, they ensure long-lasting performance in demanding environments.

SikaProof®

SikaProof® is a high-performance waterproofing membrane system for below-ground structures. Its hybrid bonding layer forms a permanent, full-surface bond with concrete, preventing water migration and ensuring durability. Suitable for basements, foundations, and underground structures, it can be pre-applied or post-applied, offering flexible and reliable waterproofing in demanding conditions.

Sikalastic®

The Sikalastic® system is a liquid-applied waterproofing solution offering seamless, durable protection. Using advanced polyurethane and polyurea technology, it forms a fully bonded, crack-bridging membrane that eliminates weak points like joints. Resistant to UV, weathering, and mechanical wear, it ensures long-term performance in new construction and refurbishment projects. Its rapid curing and ease of application enable efficient installation, minimizing downtime and maximizing water ingress protection.

Additionally, the Sikalastic® system is versatile enough to be used for tank lining and corrosion protection, making it an excellent choice for safeguarding a variety of substrates in challenging environments.

SikaShield®

Range of bituminous membranes tailored for various waterproofing applications, including roofing and below-ground structures.

Sika® Igolflex®

Comprises a series of bitumen-based coatings and primers designed for waterproofing and protecting concrete surfaces. Typically applied as liquid coatings, forming a seamless, flexible barrier against water.

ABRASION RESISTANT ROADWAYS

In demanding mining environments, roadway durability is critical for operational efficiency and safety. Abrasion from constant heavy machinery traffic can cause rapid wear, leading to frequent maintenance and costly downtime. Sika technologies ease that pain, enhancing roadway resilience, reducing abrasion impact, and extending surface life to keep operations reliable and lower maintenance costs.

HEAVY DUTY BINDING RESIN ¹

When used as a binder, flexible heavy-duty resins minimize wear from heavy machinery and prevent gaps or displacements that lead to frequent repairs. This durable solution enhances surface stability while reducing maintenance costs and downtime, creating a safer and more efficient mining environment.

HEAVY DUTY BONDING GROUTS ²

Effectively bonding pre-casted concrete slabs is key to maintaining smooth, durable surfaces under the strain of heavy, repetitive machinery loads. Sika technologies enhance cohesion within sand/cement grouts, forming a strong, uniform bond that stabilizes abrasion-resistant joints. This increases road durability, minimizes wear, and reduces the need for frequent repairs in challenging mining conditions.

HEAVY DUTY SHOTCRETE ³

Providing superior impact and abrasion resistance along with rapid early strength development and low permeability, significantly enhancing load capacity and energy absorption to protect ore passes, truck dumps, and rock chutes.

PRODUCTS

¹ SikaInject® 600 series

Silicate resins specifically designed for rapid ground consolidation in strata with open cracks at the surface. Also suitable for concrete repair.

² SikaCem® FLC 100

A powdered admixture for the production of non-shrink, high strength grouts for post-tensioned cables and fixing anchors or bolts in concrete or rock.

³ King® ArmourGuard

High-performance, steel fiber-reinforced shotcrete mix engineered for underground mining applications. It delivers superior impact and abrasion resistance along with rapid early strength development and low permeability. Ideal for lining ore passes, truck dumps, and rock chutes, it significantly enhances load capacity and energy absorption to protect critical underground structures.

OTHER MINING SOLUTIONS

DUST CONTROLLERS ¹

Sika's dust control solutions reduce airborne particles, protecting workers' health and minimizing environmental impact. Easy to apply and long-lasting, Sika's dust control products ensure cleaner, safer, and more efficient operations in challenging conditions.

CONVEYOR BELTS ²

Mining is one of the largest industrial sectors that rely heavily on rubber conveyor belt systems. The specially developed SikaBond® range of belt adhesives and repair systems offers excellent cost-effective solutions for maintaining and repairing conveyor belts, as well as other industrial rubber components. These products are designed to deliver high-performance and durability, ensuring reliability across a variety of applications in demanding mining environments.

SEALANTS ³

Sika's sealants are versatile, high-performance solutions for a broad range of industrial applications, both indoors and outdoors. They bond effectively to various materials, providing protection against harsh conditions and ensuring the long-term integrity of mining infrastructure and equipment.

PRODUCTS

¹ Sika® Stabilizer (Dust Seal Series)

Diverse range of dust binding properties.

² SikaBond® R&B

Structural adhesive for rubber bonding and Polyurethane elastomeric material for the repair of rubber conveyor belts.

³ Sikadur®

Robust seal that withstands extreme conditions.

³ Sikaflex®

Versatile and resilient polyurethane sealant with excellent adhesion.

GLOBAL BUT LOCAL PARTNERSHIP



FOR MORE INFORMATION:



www.sika.com/en/solutions-for-projects/mining.html

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

