



# TECHNOLOGIES AND SOLUTIONS FOR OIL AND GAS FACILITIES

BUILDING TRUST



# SOLUTIONS FOR EVERY CHALLENGE

Sika is an innovative leader with over 100 years of experience developing solutions for the construction industry across a wide range of applications, playing a pivotal role in ensuring operational excellence, environmental responsibility, and the well-being of professionals. With global availability, there will always be local support, regardless of project location. An organized, dedicated, networked team of professionals make it easy to find solutions everywhere.

Sika understands the critical importance of efficiency, safety, and sustainability in the oil and gas industry, providing a comprehensive range of products and services that are meticulously engineered and tested. Discover why these solutions drive the industry forward and serve as the building block for success.



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## GROUTING

Machinery Baseplates  
Pumps  
Compressors  
Generators  
Reciprocating Engines

### KEY PRODUCTS

SikaFlow® 647  
SikaFlow® 648  
SikaFlow® 668  
SikaFlow® 678  
SikaGrout® 4316  
SikaGrout® 928  
SikaGrout® 212  
SikaGrout®-350  
SikaGrout® 713

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## CONCRETE REPAIR

Sulfur Recovery Unit  
Alky Unit  
Cokers  
Cooling towers  
Storage Tanks  
Foundations

### KEY PRODUCTS

SikaEmaco® 1060 / 1060 EX  
SikaEmaco® 1061 / 1061 EX  
SikaEmaco® 488 CI  
Sikacrete® 213 F  
SikaEmaco® S 466  
Sikacrete® 211 SCC PLUS  
Sikagard® P 8100 AP  
Sika Armatec 110 EpoChem  
Sikadur® 32 Hi-Mod  
SikaGrout®-500 Aqua  
SikaFlow® 6000 UW

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## COATINGS / PROTECTION

Secondary Containment  
Bulk Storage Tanks  
Pipeline Protection

### KEY PRODUCTS

Sikagard® Duochem® 7500  
Sikagard® 170 CR  
Sikagard® 62  
Tuff-N-Nuff® Rockshield





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**WATERPROOFING**

Water/Wastewater  
Treatment Secondary  
Containment  
Liquid Storage Tanks

**KEY PRODUCTS**

Greenstreak® PVC Waterstop  
Westec® Waterstops  
Sika® Hydrotite  
Sika® -1+  
Sika® Watertight  
Concrete Powder  
Sika® WT-215

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**SEALANTS**

Joints  
Control Joints  
Form-work  
Perimeter Sealing

**KEY PRODUCTS**

Sika® Duoflex® SL/NS  
Sikaflex® NP 1  
Sikaflex® NP 2  
Sikaflex® 2C SL/NS  
Sikasil® GP

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**ANCHORING**

Rebar  
Railings  
Posts  
Anchor Bolts

**KEY PRODUCTS**

Sika AnchorFix®-3001  
Sika AnchorFix®-1  
Sika AnchorFix®-2

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**CRACK REPAIR**

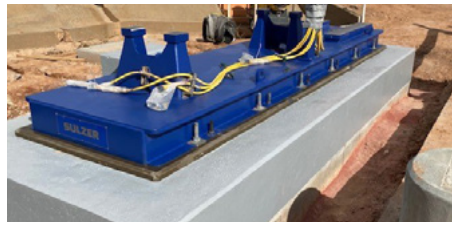
Slabs  
Walls  
Baseplate  
Beams  
Columns

**KEY PRODUCTS**

Sikadur®-35 Hi-Mod LV  
Sikadur® 52  
Sikadur® Crack Repair Kit

\*Products may have applications beyond those illustrated.  
For detailed information or alternative uses, contact a Sika Corporation Sales Representative.

# PRODUCT PORTFOLIO



## TOP BRANDS FOR THE OIL AND GAS INDUSTRY

- SikaFlow®
- Sikadur®
- SikaGrout®
- SikaEmaco®
- Sikaflex®
- SikaCem®
- Sikacrete®
- SikaQuick®
- Sikagard®
- Sika AnchorFix®
- Tuff-N-Nuff®
- Greenstreak®

## GROUT

### PRECISION EPOXY GROUTS

#### SikaFlow 647

A modified epoxy resin grout, specially formulated for **grouting cracks in structures and machinery foundations**. Suitable for pressure injection of grouted baseplates beneath compressors, cement mills, and other vibrating and rotating machinery.

#### SikaFlow 648

A high-strength, **high-flow** epoxy grout providing superior physical properties in industrial applications. It offers high early and 7-day strengths for applications requiring fast turnaround, excellent chemical and crack resistance, and **outstanding flow characteristics** and versatility of fill rates.

#### SikaFlow 668

A three-component modified epoxy-resin based **chock grout**. It is used where high performance properties are required in less accessible spaces subject to high vibrations. It can be placed from 1/2-3" (12.5-76 mm) thick on a base-grout pour, directly to the concrete or steel to steel.

#### SikaFlow 678

A low exotherm non-shrink **deep-pour** epoxy grout. Can be placed in depths of up to 18" without extension or lifts.

### HYBRID PERFORMANCE GROUT

#### SikaGrout 4316

A unique grout that provides **high early and ultimate compressive strengths** over a wide variety of application and service temperatures. The superior performance of SikaGrout 4316 lies in its novel hydraulic cement binder with applied nanotechnology and premium mineral aggregates which, when mixed with water, produces a flowable and pumpable grout that can be installed in temperatures ranging from 35 to 100° F (2 to 38° C).

### PRECISION CEMENTITIOUS GROUTS

#### SikaGrout 928

A hydraulic cement-based mineral aggregate non-shrink grout with **extended working time**. It is ideally suited for grouting machines or plates requiring precision load-bearing support. It can be placed from fluid to damp pack over a temperature range of 45 to 90° F (7 to 32° C). **(Approved: NSF/ANSI 61 Std for use with potable water).**

#### SikaGrout 212

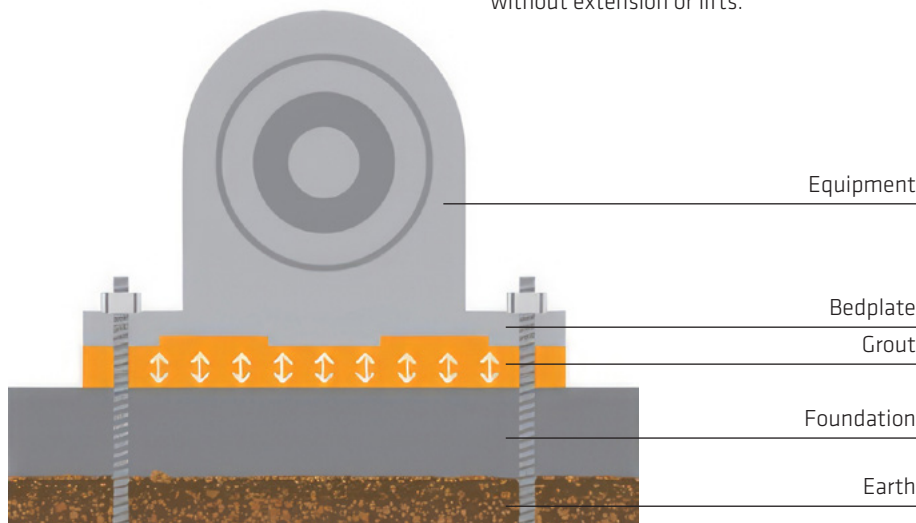
A ready to mix, free flowing, non-shrink, general purpose, cementitious grout with a unique 2-stage shrinkage compensating mechanism.

#### SikaGrout-350

A high performance, deep pour, non-shrink, shrinkage compensated, pumpable grout. It is suitable for grouting of large sections and deep pours of up to 12 inches (300 mm).

#### SikaGrout 713

A cement-based grout specially formulated for early strength gain to allow for faster form stripping. Featuring specially graded mineral aggregates, it can be used at any consistency from fluid to damp pack for applications requiring precision support.







## CONCRETE REPAIR

### HORIZONTAL REPAIR

#### **SikaEmaco 1060 / 1060 EX**

Shrinkage-compensated, **very rapid-setting, cement-based mortar**. It is designed for repairing horizontal concrete surfaces where high early strength gain is required in applications from 0.5" (38 mm) to full depth.

#### **SikaEmaco 1061 / 1061 EX**

**Rapid-setting**, cement-based mortar with an **extended working time**. It is designed for repairing horizontal concrete surfaces in applications from 0.5" (38 mm) to full depth.

### VERTICAL AND OVERHEAD SURFACE REPAIR

#### **SikaEmaco 488 CI**

Hand-applied or wet sprayed, shrinkage-compensated, fiber-reinforced structural repair mortar with integral corrosion inhibitor recommended for vertical and overhead repair of concrete and masonry, and repairs in federally inspected meat and poultry plants. It provides high early and ultimate compressive, flexural, and bond strengths, and is sulfate-resistant and freeze-thaw durable. **(Approved: NSF/ANSI 61 Std for use with potable water).**

### FIRE PROTECTION

#### **Sikacrete 213 F**

Cement-based pre-bagged, dry mix, fire protection mortar for wet sprayed application especially for concrete and reinforced concrete structures exposed to fire hazards.

### FULL DEPTH FORM AND POUR REPAIRS

#### **SikaEmaco S 466**

One-component flowable, shrinkage compensated structural repair concrete with integral corrosion inhibitor recommended for pump and pour, horizontal, or formed vertical and overhead concrete repairs.

#### **Sikacrete 211 SCC PLUS**

A one-component, self-consolidating concrete containing factory blended coarse aggregate. This self-consolidating concrete bag is silica fume and polymer modified and also contains a migrating corrosion inhibitor.

### CORROSION PROTECTION AND SURFACE PREPARATION

#### **Sikagard P 8100 AP**

A single-component **epoxy resin and metallic zinc rebar primer** that actively resists corrosion by reducing anodic generation adjacent to the reinforcing steel.

#### **Sika Armatec 110 EpoChem**

A cementitious epoxy resin compensated 3-component, solvent-free, coating material with **corrosion inhibitor**, used as bonding primer and reinforcement corrosion protection.

#### **Sikadur 32 Hi-Mod**

A multi-purpose, 2-component, 100% solids, moisture-tolerant structural epoxy adhesive.

### UNDERWATER CONCRETE REPAIR

#### **SikaGrout-500 Aqua**

Pumpable, cementitious, nonmetallic, nonshrink grout, specially designed for use in underwater applications.

#### **SikaFlow 6000 UW**

A specially blended, three-component, 100% solids epoxy system, specifically designed for encapsulation, in both land and subsea applications.



## COATINGS & PROTECTION

### Sikagard Duochem 7500

A two-component, epoxy-novolac coating/topping/ lining possessing outstanding resistance to strong inorganic acids, concentrated sulfuric acid and oxygenate solvents. The technology provides excellent protection of containment tanks, machine bases, plant floors, and walls exposed to aggressive chemicals.

### Sikagard 170 CR

A **protective epoxy coating** providing resistance to harsh chemicals, including 98% sulfuric acid, and can be used as a topcoat over epoxy and polyurethane coatings.

### Sikagard 62

A high build, corrosion-resistant, protective epoxy coating, as a protective lining for secondary containment structures or as a seamless flooring system.

### Tuff-N-Nuff

**Rockshield that protects pipeline coatings** from direct impact during backfill operations and also provides long-term protection by keeping hard objects in the backfill from coming into contact with the pipeline coating.



## WATERPROOFING

### Greenstreak® PVC Waterstop

Flexible PVC waterstop for joint waterproofing, suitable for water/ wastewater treatment plants, foundations, containment structures and tanks, and retaining walls.

### Westec Waterstops

A wide range of waterstops used to keep water in or out of structures such as, water treatment plants, reservoirs, locks, dams, and below grade facilities. Several factors are considered when selecting a waterstop including, joint type and joint movement, hydrostatic pressure and chemical exposure.

### Sika Hydrotite

A hydrophilic waterstop with unmatched durability and watersealing capacity. Comprised of non-bentonite, modified chloroprene rubber, this product expands up to eight times its original volume when exposed to water. This expansion creates an effective compression seal within joints of limited movement.

### Sika -1+

A liquid waterproofing admixture used for permeability reduction in concrete and cementitious mortars that can achieve extremely enhanced properties regarding its water permeability and water tightness when added to a concrete or mortar.

### Sika Watertight Concrete Powder

A combined water resisting and HRWR/Superplasticizing admixture used to enhance the workability and reduce the water permeability of concrete.

### Sika WT-215

A crystalline based Permeability Reducing Admixture (PRA) that reduces the ability of concrete to conduct water flow and has the ability to provide crack bridging up to 0.02 in (0.5)mm.





## SEALANTS

### Sika Duoflex SL

**Self-leveling, chemical resistant**, two-component, premium-quality polysulfide sealant ideally suited for quick application to horizontal surfaces.

### Sika Duoflex NS

Two component, **non-sag, chemical resistant**, premium quality polysulfide sealant, specifically designed for vertical and overhead surfaces.

### Sikaflex NP 1

**One component, non-priming**, gun-grade, elastomeric polyurethane sealant. It requires no mixing and typically requires no priming to bond to many materials, including concrete and masonry.

### Sikaflex NP 2

A multi-component, **non-priming, highly flexible**, high performance polyurethane sealant. It has been successfully tested for joint movement of  $\pm 25\%$ .

### Sikaflex 2C SL / NS

Self-Leveling (SL) or Non-Sag (NL), premium-grade polyurethane-based, elastomeric sealant, with excellent flexibility capabilities.

### Sikasil GP

General purpose, one component, non-sag, elastomeric, RTV acetoxy **silicone sealant** with good adhesion characteristics for general sealing and bonding applications.



## ANCHORING

### Sika AnchorFix®-3001

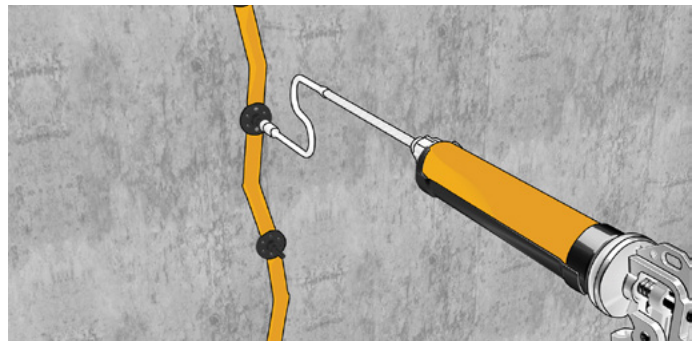
Specially formulated as a **high performance**, two component adhesive anchor system for threaded bars and reinforcing bars in both cracked and uncracked concrete.

### Sika AnchorFix®-1

High-performance, two component adhesive anchor system for threaded and reinforcing bars in uncracked concrete.

### Sika AnchorFix®-2

Super strength, two component, **rapid set**, adhesive anchor system for threaded bars in uncracked concrete.



## CRACK REPAIR

### Sikadur 35 Hi-Mod LV

A **high modulus**, low viscosity, **high strength**, multipurpose epoxy grouting/sealing/binder adhesive.

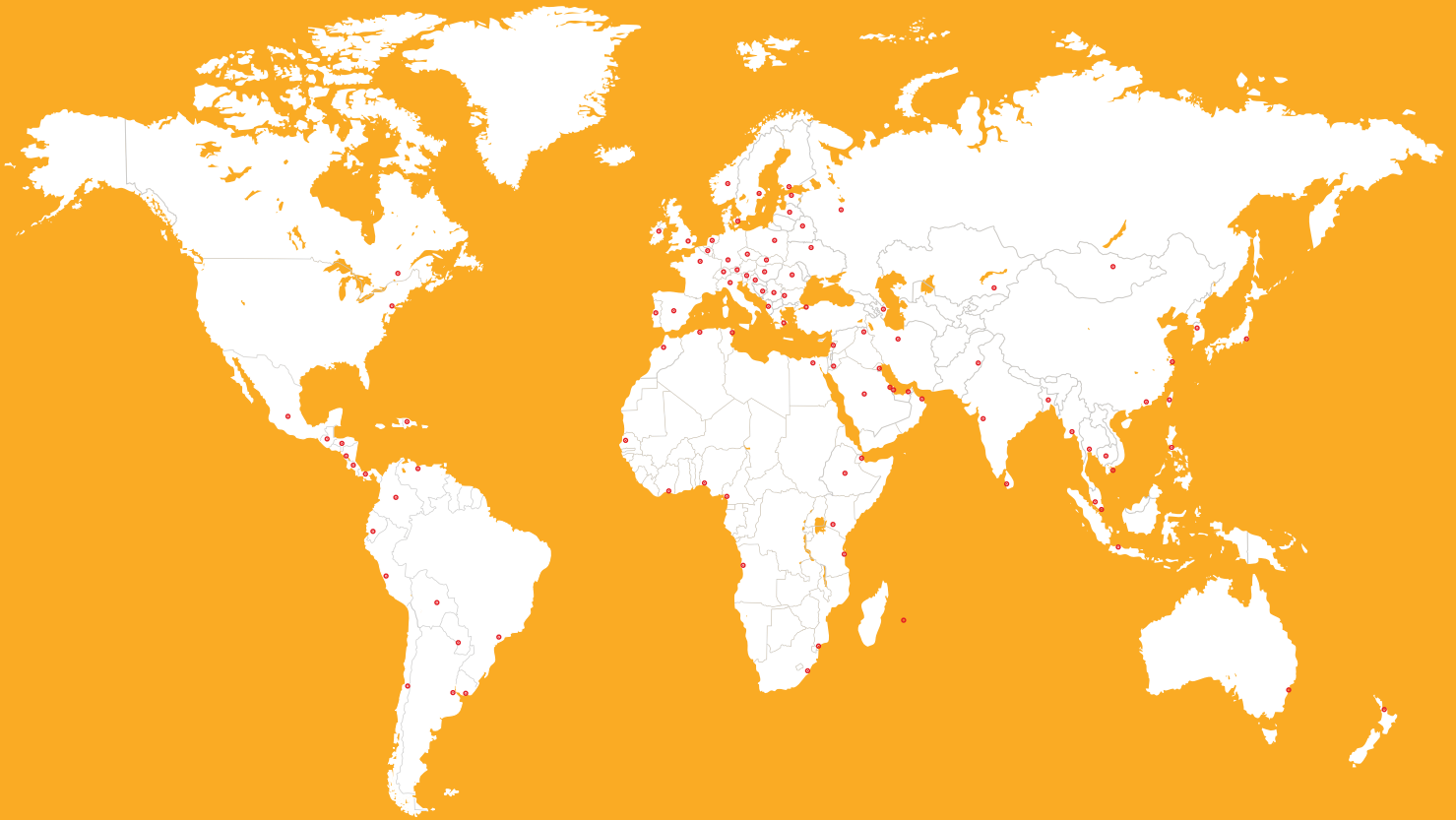
### Sikadur 52

2-component, 100% solids, moisture-tolerant, epoxy adhesive. It is a low-viscosity, high-strength adhesive formulated specifically for grouting both dry and damp cracks.

### Sikadur Crack Repair Kit

Sikadur Crack Repair Kit is a two multicomponent, low viscosity, fast curing, easy to use, epoxy sealing system for the repair of cracks that occur in solid concrete and solid masonry substrates.

# GLOBAL BUT LOCAL PARTNERSHIP



## WE ARE SIKA

With more than 100 years of experience, Sika is a worldwide innovation and sustainability leader in the development and production of systems and products for commercial and residential construction, as well as the transportation, marine, automotive, and renewable energy manufacturing industries.

Sika has offices in 103 countries with over 400 manufacturing facilities and more than 33,000 employees worldwide. With annual sales of CHF 11.24 billion in 2023, our commitment to quality, innovation, and the environment as well as putting our customer's needs first, encompasses why Sika is the global leader in our industries.



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

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