



*We provide construction solutions to improve the pace of installation, the physical performance and durability of Power Generation Facilities and Distribution Pipelines through unique concrete and grout technologies, superior technical service and unmatched distribution/logistics.*

## 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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## TECHNOLOGIES AND SOLUTIONS FOR POWER AND ENERGY CONSTRUCTION

BUILDING TRUST

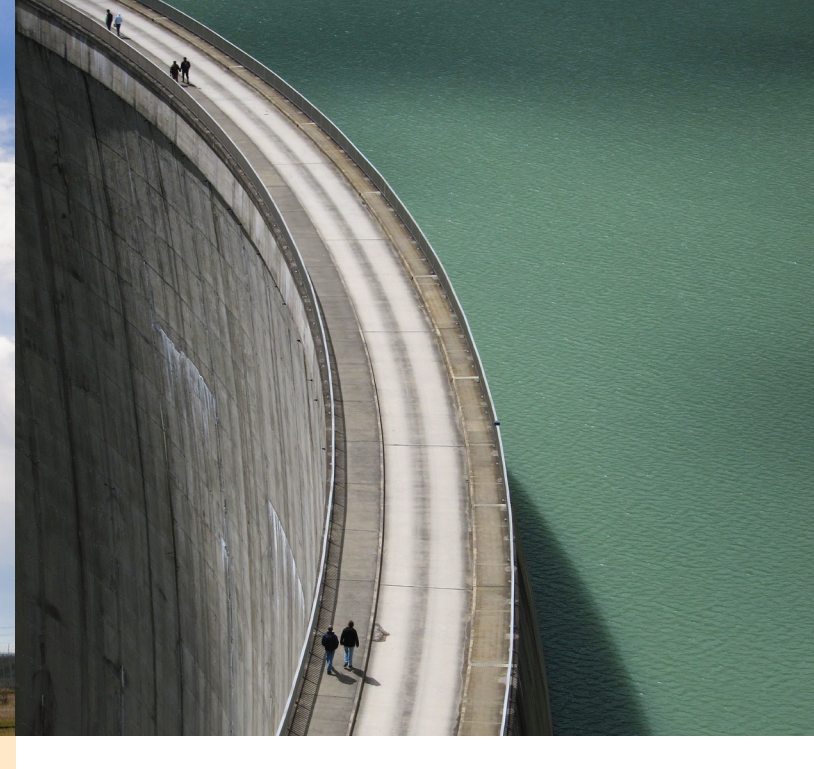


BUILDING TRUST



# POWER AND ENERGY

## HIGH PERFORMANCE CONSTRUCTION SOLUTIONS FOR PIPELINES AND POWER GENERATION FACILITIES



### POWER TRANSMISSION

#### COMPRESSORS AND PUMP STATIONS

The efficient and effective movement of natural gas, petroleum products and crude oil from where it is extracted to where it is consumed requires an extensive and elaborate network of pipelines and storage facilities. Sika has a full portfolio of products, used in the following applications, to keep compressor and pump station operations functioning flawlessly.

#### GROUTING

SikaFlow® and SikaGrout® grout products are designed to meet demanding requirements, providing stable volume, ease of placement, high strength, resistance to impact and vibration, controlled set times, as well as chemical and sulfate resistance.

- Compressors
- Storage tanks
- Pump bases

#### CONCRETE REPAIR

A complete line of cementitious, polymer, and polymer-modified SikaEmaco®, Sikaquick® and Sikacrete® repair products are used to repair deficiencies and cracked concrete.

- Tank walls and floors
- Foundation rebuild
- Grouted bases

### POWER GENERATION

#### COAL AND GAS

Coal and gas power generation facilities have unique requirements. Our grout and repair products are trusted to meet and exceed these requirements.

#### GROUTING

Our SikaFlow® and SikaGrout® grouting products maintain precision alignment of critical equipment even under severe torque and vibrational loads, and are proven to exhibit very low creep, even at high operating temperatures.

- Turbines, generators and exciter plates
- Tank bases
- Coal pulverizers
- Feedwater pumps
- Motors and fan housings
- Structural elements and precast panels
- Conveyer supports

#### CONCRETE REPAIR

Easy to apply and fast curing SikaEmaco®, Sikaquick® and Sikacrete® cementitious repair materials are formulated to allow quality, durable repairs with fast return-to-service.

- Concrete cooling towers
- Containment areas
- Foundation rebuilds
- Slabs
- Deterioration due to corrosion of reinforcing steel
- Mitigation of reinforcing steel corrosion

#### WIND

Sika is involved in wind farm construction throughout the world, working with turbine manufacturers, engineers and contractors to develop and implement specific products and systems to ensure secure, safe and durable installations.

With a reputation for reliability and outstanding performance, SikaFlow® and SikaGrout® grout and repair lines are used to minimize forces related to structural fatigue, reduce vibration and handle the unique loads and stability required in this rapidly developing market.

#### GROUTING

Our full line of SikaGrout® cementitious and SikaFlow® epoxy grouts, including high early strength formulations, are used as the vital link between the tower and the foundation to provide load bearing and dynamic load transfer. These products meet and exceed the requirements of even the largest wind turbines.

- Foundation Rings

#### CONCRETE REPAIR

Easy to apply and fast curing SikaEmaco®, Sikaquick® and Sikacrete® repair materials allow quality, durable repairs with fast return-to-service.

- Concrete deficiencies (cracks, spalling)
- Concrete surface coatings

#### NUCLEAR FACILITIES

Sika fully understands the regulatory requirements of the NRC for safety related materials. We have trained customer service, production and quality control teams that monitor dedicated commercial grade materials from production to delivery on site.

#### GROUTING

Our SikaGrout® grouts are formulated to provide resistance to vibration and to accept the unique demands of dynamic loading, temperature extremes and radiation found in nuclear power generation facilities.

- Tanks, pumps, fan housings and drive motors
- Turbines and generators

#### CONCRETE REPAIR

Easy to apply and fast curing SikaEmaco®, Sikaquick® and Sikacrete® concrete repair materials allow quality, durable repairs with fast return-to-service and radiation resistance.

- Cooling towers
- Containment area
- Concrete deficiencies (cracks, spalling, scaling)

We have been supplying commercial grade dedicated materials to the nuclear industry for four decades and are uniquely qualified, knowledgeable and audited regularly to ensure compliance with 10 CFR Appendix B criteria.

#### HYDROELECTRIC

Hydroelectric power facilities pose unique challenges and require expert solutions designed to withstand aggressive environments.

#### GROUTING

SikaFlow® and SikaGrout® grout products provide total bearing and support for critical equipment and machinery.

- Turbines and generators
- Drive motors, fan housings and pumps

#### REPAIR MORTARS

Our SikaEmaco®, Sikaquick® and Sikacrete® repair products are available in formulations to facilitate spray, pump, pour or hand application. They withstand freeze-thaw and are tested to protect against underwater abrasion from scouring and cavitation.

- Spillways
- Walls and piers
- Stilling basins
- Tunnels and penstocks
- Repair and maintenance of mass concrete structures

#### COATINGS, SEALANTS, WATERPROOFERS AND WATER REPELLENTS

Our Sikagard® and Sika Thoroseal® solutions provide lasting protection from moisture intrusion and corrosion and ensure abrasion resistance and long service life.

- Floor protection and maintenance
- Seal leaks and cracks
- Protect from moisture intrusion and abrasion

#### INJECTION GROUTING

Our line of Sikadur® epoxies are used to fill and seal cracks and fill voids in the structure.