



REFURBISHMENT SIKA'S COMPETENCE IN THE REFURBISHMENT OF BRIDGES

ADDED VALUE FOR SPECIFIERS

BUILDING TRUST



SIKA'S COMPETENCE AND "ADDED VALUE" IN BRIDGE MAINTENANCE

SIKA'S ADVANTAGES

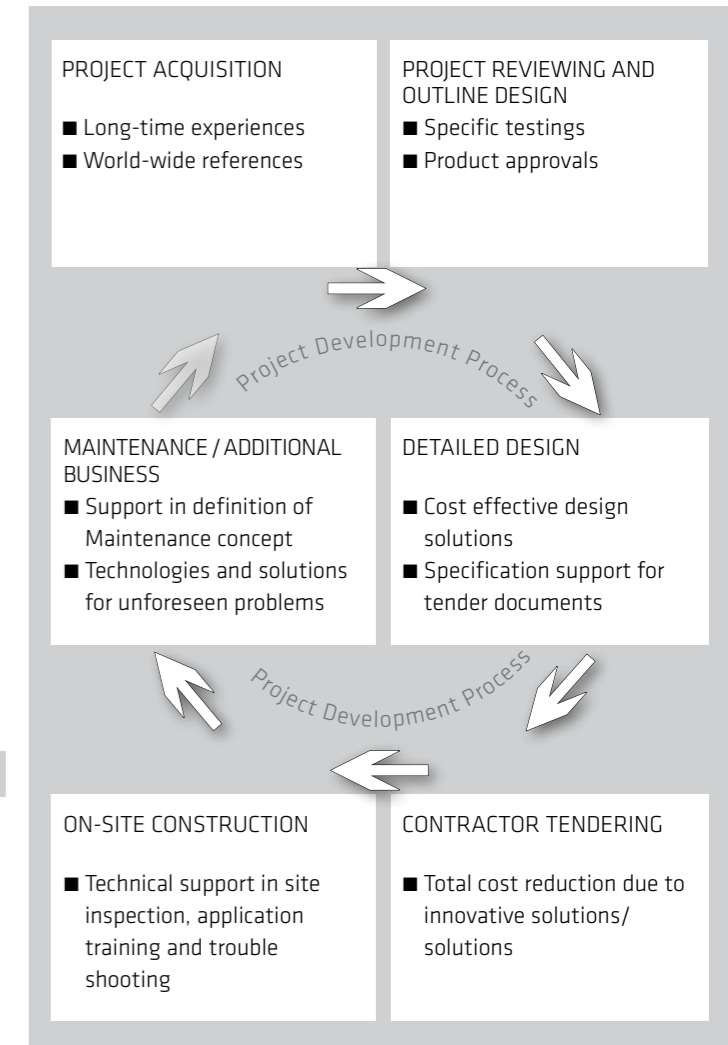
- Long-time experiences in bridge maintenance
- Proven products and systems
- Innovative solutions and technologies
- System compatibility



SIKA'S FULL RANGE SOLUTIONS

- | | |
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| <p>1 CONCRETE TECHNOLOGY</p> <ul style="list-style-type: none"> ■ Early high strength concrete ■ Water reducing admixtures ■ Set-controlling admixtures ■ Durability enhancing admixtures ■ Concrete essentials | <p>2 CONCRETE PROTECTION</p> <ul style="list-style-type: none"> ■ Hydrophobic impregnations ■ Impregnations ■ Rigid and flexible coatings ■ Corrosion inhibitors ■ Galvanic cathodic protection systems |
| <p>3 STRUCTURAL STRENGTHENING</p> <ul style="list-style-type: none"> ■ Flexural strengthening systems ■ Shear strengthening systems ■ Axial strengthening systems ■ Earthquake solutions | <p>4 STRUCTURAL BONDING</p> <ul style="list-style-type: none"> ■ Epoxy adhesives for concrete and steel ■ Anchoring solutions |
| <p>5 CONCRETE REPAIRS</p> <ul style="list-style-type: none"> ■ Corrosion protection primers ■ Bonding primers ■ Concrete repair mortars ■ Smoothing and levelling mortars | <p>6 GROUTING AND FIXING</p> <ul style="list-style-type: none"> ■ Grouting solutions ■ Fixing mortars ■ Rail fixing solutions |
| <p>7 WATERPROOFING SOLUTIONS</p> <ul style="list-style-type: none"> ■ Joint waterproofing ■ Structural, flexible and ductile injections ■ Epoxy overlays ■ Liquid applied membranes ■ Adhesion promoter asphalt to waterproofing layer | <p>8 STEEL PROTECTION</p> <ul style="list-style-type: none"> ■ Corrosion protection systems for construction steels ■ Steel cable protection systems ■ Maintenance solutions for existing coatings |

SIKA'S "ADDED VALUE"



SIKA'S MAIN BRANDS FOR DIFFERENT TYPES OF APPLICATIONS

APOLLO BRIDGE, SLOVAKIA



Increasing of Durability: Waterproofing of bridge deck using Sika® Elastomastic TF system, long-term concrete protection with Sikagard® protective coatings.

TWO BRIDGES IN COLUMBIA



Increasing of load capacity: Sika concrete protection systems Sika® FerroGard® corrosion inhibitor and Sika® Color® protective coatings.

ITCHEN BRIDGE, UK



Protection of fair faced concrete: Concrete repair with Sika® MonoTop® system, concrete protection with Sika® FerroGard® corrosion inhibitor and Sikagard® hydrophobic impregnation.

TOUTRY BRIDGE, FRANCE



Structural maintenance: Structural Strengthening during traffic load with Sika® Carbodur® systems, surface protection with Sikagard® protective coatings.

ERNEST OPPENHEIMER BRIDGE, S.A.



Increasing of durability: Repair & protection with Sika® MonoTop® repair mortars, Sika® FerroGard® corrosion inhibitor and Sikagard® protective coatings.

THE GALICYJSKA BRIDGE, POLAND



Long-lasting protection: Concrete protection with Sikagard® elastic and rigid protective coatings.

KÖRSCHTAL BRIDGE, GERMANY



Complete bridge maintenance: Full deck refurbishment of the bridge with SikaTop® repair mortars, deck waterproofing using Sika® Ergobit® system.

HIGHWAY BRIDGE A1, SWITZERLAND



Increasing of life cycle: Concrete repairs with Sika® MonoTop® system, concrete protection with Sikagard® hydrophobic impregnations.

SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



WATERPROOFING



CONCRETE



REFURBISHMENT



SEALING AND BONDING



FLOORING



ROOFING

FOR SIKA GCC INFORMATION:



gcc.sika.com

WHO WE ARE

Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

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



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