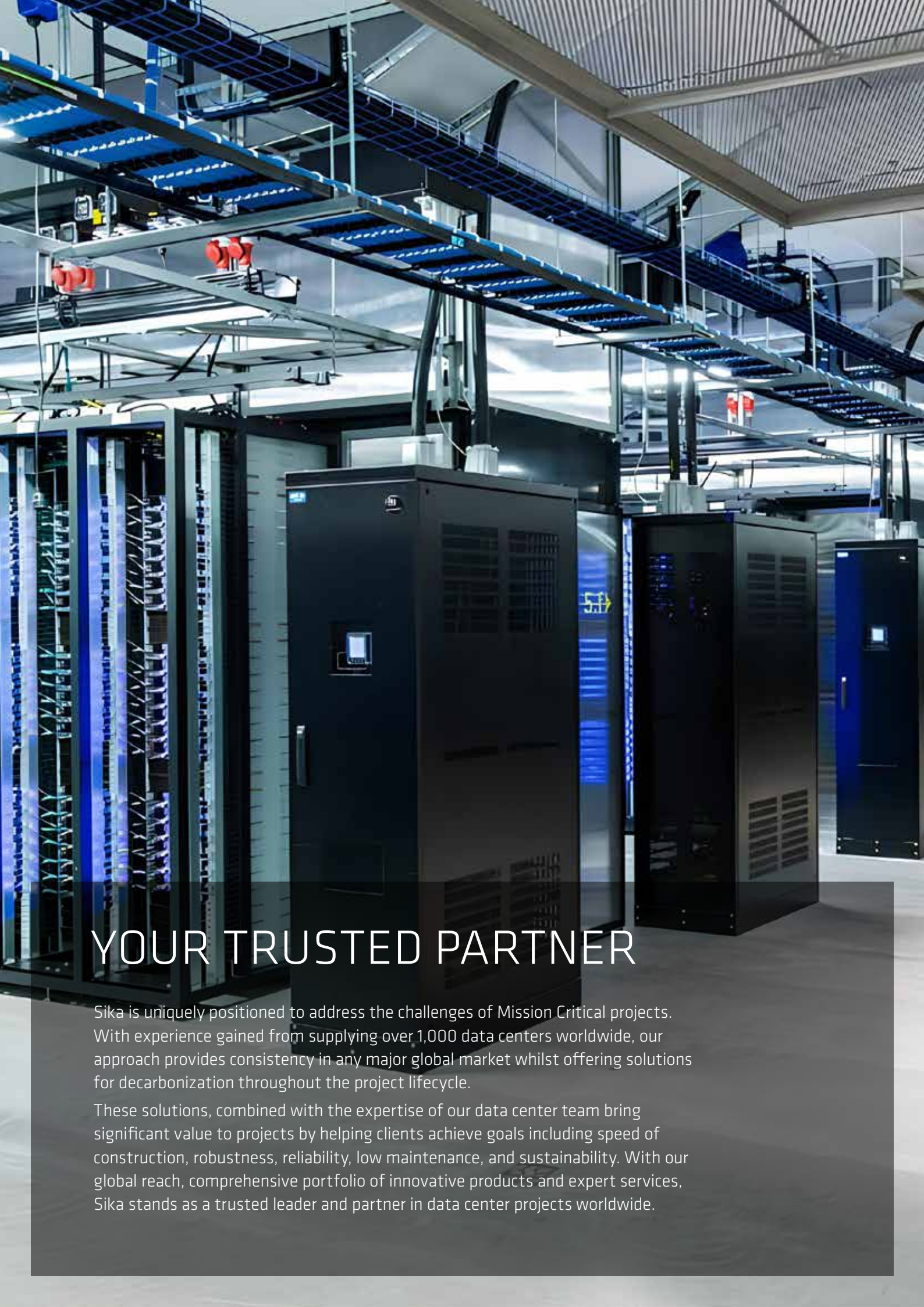


YOUR TRUSTED PARTNER FOR
DATA CENTERS

BUILDING TRUST



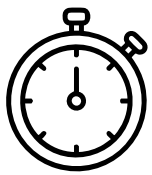


YOUR TRUSTED PARTNER

Sika is uniquely positioned to address the challenges of Mission Critical projects. With experience gained from supplying over 1,000 data centers worldwide, our approach provides consistency in any major global market whilst offering solutions for decarbonization throughout the project lifecycle.

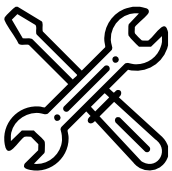
These solutions, combined with the expertise of our data center team bring significant value to projects by helping clients achieve goals including speed of construction, robustness, reliability, low maintenance, and sustainability. With our global reach, comprehensive portfolio of innovative products and expert services, Sika stands as a trusted leader and partner in data center projects worldwide.

CHALLENGES IN DATA CENTERS



SPEED OF CONSTRUCTION

Speed of construction is a key challenge for data centers, as the rapidly rising demand for digital services often outpaces the industry's ability to build and commission facilities fast enough. Buildability and repeatability are critical to accelerate construction, reduce costs, and achieve operational readiness faster. Sika supports this need with globally available, high-performance systems that are easy to install, minimize downtime, reduce risk, and ensure durable, compliant results – keeping data center projects on schedule and operational environments uninterrupted.



REDUCING MAINTENANCE COSTS

Maintenance interventions can cause service disruptions and therefore need to be kept to a minimum – especially unplanned maintenance. Durable and robust solutions help support the continuous operation of a data center, reducing operational expenses. Sika's solutions provide that robustness and longevity, thereby minimizing repairs or replacements.



SUSTAINABILITY

Meeting the increasing demand for data while staying within sustainability targets is a major design and operational challenge. Sustainability includes not just energy use, but also the life cycle impact of the materials used. Through constant innovation, Sika is improving existing solutions and developing new technologies that meet the evolving needs of the construction industry, supporting clients' aspirations.

YOUR CHALLENGES, OUR SOLUTIONS

1

Dust, debris, and static can threaten sensitive equipment and disrupt operations.

FLOORING

That's why your floors must be dust-free, durable enough to withstand heavy wear and abrasion, and easy to maintain, with anti-static properties where required. Sikafloor® coatings, with a wide range of low-VOC options and dry-shake topping systems are engineered to meet these needs, offering enhanced mechanical properties and a dust-free environment tailored to the unique demands of mission-critical environments.

3

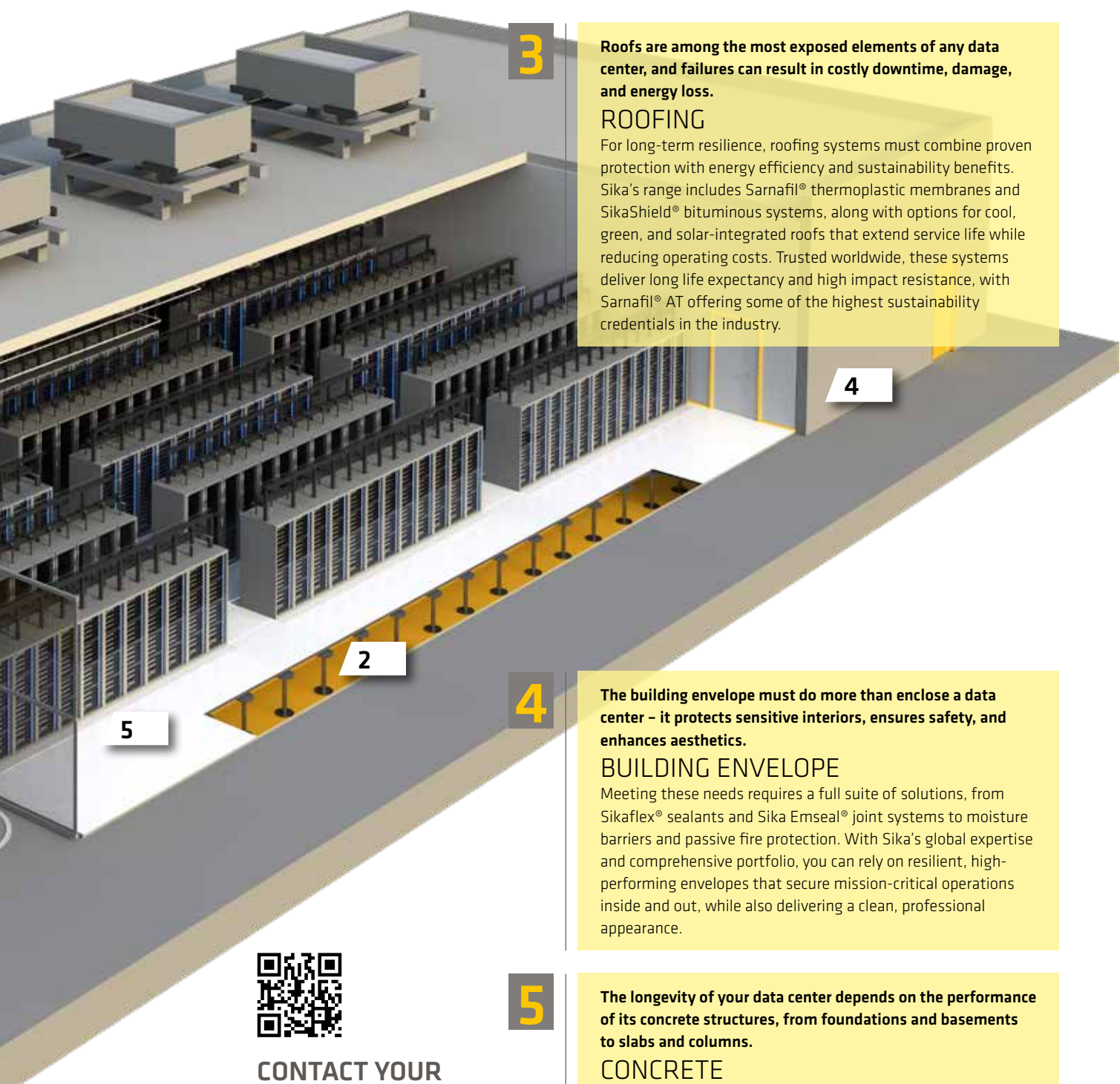
1

2

Water ingress and ground contaminants can threaten critical infrastructure and disrupt operations.

BELOW GROUND WATERPROOFING

To safeguard structures and equipment, below-ground systems must provide reliable, long-term protection. As we manufacture all types waterproofing technologies, our experts are uniquely positioned to provide objective advice and the right solution for every project. Our leading bonded waterproofing system, SikaProof® A+, offers proven protection against water ingress, ground gases, and aggressive ground conditions. Solutions are also available for water storage tanks and other applications.



3

Roofs are among the most exposed elements of any data center, and failures can result in costly downtime, damage, and energy loss.

ROOFING

For long-term resilience, roofing systems must combine proven protection with energy efficiency and sustainability benefits. Sika's range includes Sarnafil® thermoplastic membranes and SikaShield® bituminous systems, along with options for cool, green, and solar-integrated roofs that extend service life while reducing operating costs. Trusted worldwide, these systems deliver long life expectancy and high impact resistance, with Sarnafil® AT offering some of the highest sustainability credentials in the industry.

4

4

The building envelope must do more than enclose a data center – it protects sensitive interiors, ensures safety, and enhances aesthetics.

BUILDING ENVELOPE

Meeting these needs requires a full suite of solutions, from Sikaflex® sealants and Sika Emseal® joint systems to moisture barriers and passive fire protection. With Sika's global expertise and comprehensive portfolio, you can rely on resilient, high-performing envelopes that secure mission-critical operations inside and out, while also delivering a clean, professional appearance.

5

5

The longevity of your data center depends on the performance of its concrete structures, from foundations and basements to slabs and columns.

CONCRETE

That's why advanced admixtures are vital to enhance strength, workability, and durability while lowering environmental impact. Sika® ViscoCrete®, SikaFiber®, and other admixtures deliver proven performance that accelerates construction time, lowers CO₂ emissions, and reduces steel reinforcement usage.



CONTACT YOUR SIKA EXPERT FOR ADDITIONAL INFORMATION

SUSTAINABLY DURABLE AND EFFICIENT

At Sika, we understand your commitment in the construction and maintenance of data centers. Our solutions support sustainability at every stage of your facility's lifecycle, from responsible product selection and efficient application to long-lasting performance and end of life considerations. Whether it is low emission flooring systems that improve air quality or energy efficient roofing that reduces overall energy consumption, we help you achieve your goals by delivering quantified sustainable benefits through reliable and environmentally conscious solutions that comply with LEED, BREEAM, Green Building, and other relevant certifications. We carefully analyze all key sustainability aspects, including resource and material efficiency, waste reduction, durability, energy savings, health and safety, and CO₂ emissions, to help you identify how to optimize your project sustainably at every step.

END OF LIFE STAGE

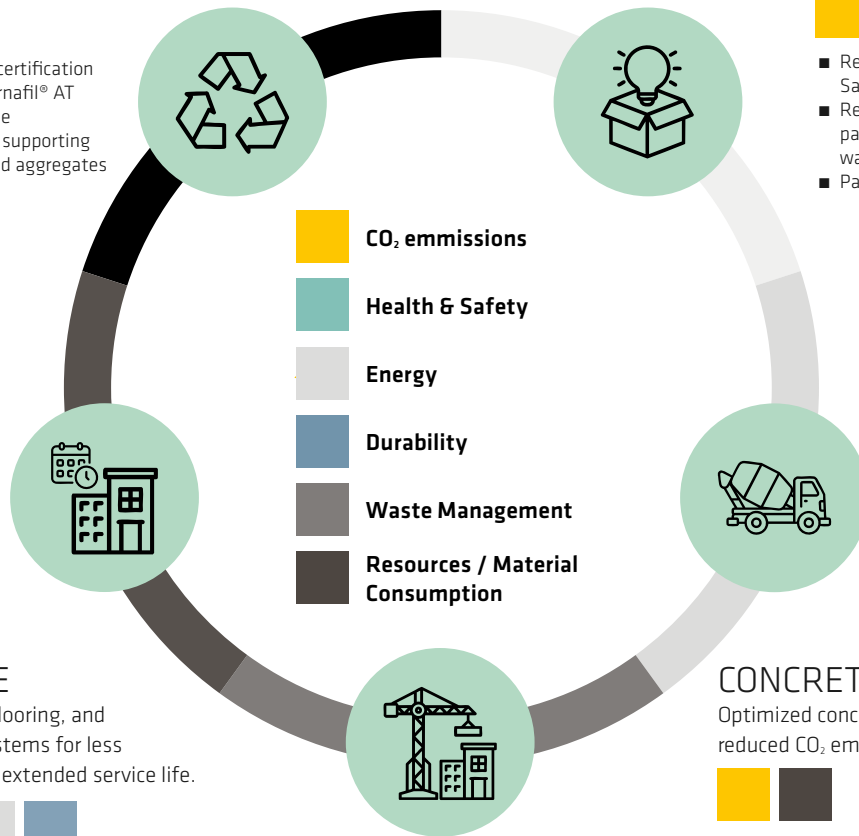
Recyclable materials and support for circular construction

- Cradle-to-Cradle certification silver level for Sarnafil® AT roofing membrane
- Superplasticizers supporting the use of recycled aggregates

PRODUCT STAGE

Low-impact raw materials and efficient production processes.

- Recycled content in the Sarnafil® roofing membranes
- Recycled content in the packaging of SikaProof® A+ waterproofing membrane
- Packaging to reduce site waste



USE STAGE

Durable roofing, flooring, and waterproofing systems for less maintenance and extended service life.

- Cool and green roof systems reduce energy use and extend service life
- Solar-reflective and solar-integrated roof systems generate renewable energy and contribute to measurable savings
- Smart roof monitoring detects issues early, enabling fast, cost-effective intervention
- Highly durable roofing and flooring solutions lower total cost of ownership

CONSTRUCTION STAGE

Reduced material consumption and CO₂ emissions.

- Reduced use of steel reinforcement and associated CO₂ with the use of SikaFiber® technology in concrete slabs

CONCRETE PRODUCTION

Optimized concrete mix designs for reduced CO₂ emissions.

- Sika® ViscoCrete® admixtures reduce water and cement content and allow higher cement replacement levels and recycled aggregates



The mentioned products are just examples. For actual figures and basis of calculation, please visit the corresponding case study website.

DRIVING DIGITALIZATION

IN DATA CENTER FACILITY CONSTRUCTION AND MAINTENANCE

Digital transformation is reshaping how data centers are planned, built, and maintained. Sika supports this evolution with a comprehensive portfolio of advanced digital tools through SikaVision® – helping you monitor, collaborate, optimize, and predict key aspects of your construction or refurbishment projects.

Sika understands the complexity of decision-making across the project lifecycle and the importance of minimizing risk at every stage. Our technologies and experts provide reliable data for your BIM models, enabling smarter collaboration and informed decisions in your virtual design and planning environments.



By integrating SikaVision®, you can:

- **Enhance efficiency** – Streamline processes and accelerate project delivery
- **Make informed decisions** – Use reliable data for planning, design, and execution
- **Maximize product performance** – Get the most out of your Sika solutions

Explore our digital tools and see how SikaVision® brings the future of construction to your projects.



**SikaVision® DIGITAL
PRODUCTS & TOOLS**

A GLOBAL COMPANY BUT LOCAL PARTNER



FOR MORE INFORMATION ABOUT SIKA SOLUTIONS FOR PROJECTS:



WE ARE SIKA

Sika is a specialty chemicals company with a globally leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protection in the building sector and industrial manufacturing. Sika has subsidiaries around the world and produces innovative technologies for customers worldwide. In doing so, it plays a crucial role in enabling the transformation of the construction and transportation sector toward greater environmental compatibility.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

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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