



YOUR TRUSTED PARTNER FOR
DATA CENTER
CONSTRUCTION & MAINTENANCE

BUILDING TRUST



DELIVERING THE RIGHT SOLUTIONS TO MEET YOUR CHALLENGES

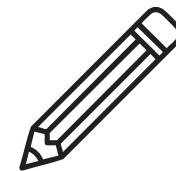
YOUR TRUSTED PARTNER

A smarter approach to meet Data Center challenges - At Sika, we deliver solutions to meet the rapid pace of Data Center construction demands.

Sika is uniquely equipped to meet the demands of mission critical projects, with proven experience across hundreds of Data Centers worldwide. We offer a complete range of high-performance construction solutions, covering your entire project from basement to roof. Whether you're building new or refurbishing an existing facility, Sika simplifies the process as a single source partner that streamlines design and construction processes.

Innovation is at the core of everything we do. Our advanced technologies deliver proven durability, outstanding efficiency, and long-term performance - helping you stay on schedule, on budget, and ahead of expectations. And with sustainability built into our solutions, you can be confident your project meets today's environmental standards.

Backed by a dedicated Data Center team, we help customers achieve faster construction, greater reliability, reduced maintenance, and enhanced sustainability. With our global reach, innovative products and expert services, Sika is your trusted partner for optimizing Data Center performance with minimal disruption.



ENSURING YOUR SOLUTIONS ARE FIT FOR PURPOSE

Knowing which solutions to choose to meet the demands of your data center can be a challenge. Sika supports with expert advice from early design inception, through the project design pipeline, right up to on-site. This means our clients and designers can be sure the specified systems and products are the best selection to meet the project brief and any specific design requirements.



STRUCTURAL LOAD CAPACITY

Heavy equipment, power infrastructure, cooling systems, and dense racking units housing servers and networking gear all create high floor loading. You need to know your floor systems can withstand the pressure and provide durability. Sika has everything you need - from concrete admixtures and fibers, to structural strengthening solutions for renovation projects and dry shake concrete floors that allow design and cost optimization in new concrete elements.



SPEED OF CONSTRUCTION

Speed of construction is a challenge for data centers; rapidly rising demand for digital services often outpaces the industry's ability to build and commission facilities fast enough to meet capacity needs. Buildability and repeatability accelerate construction, lower costs, and enable operational readiness faster. Sika's high-performance, fast installation systems reduce downtime, maintain compliance, and deliver durability - keeping data center environments operational.



GUARANTEED WATERPROOF PROTECTION

A failed roof presents catastrophic implications for all data centers. With Sika's high performance, full system solutions, including digital roof monitoring, you have complete peace of mind that your data center is fully protected from water infiltration. This is further reinforced when installation is completed by one of Sika's approved applicators.

YOUR CHALLENGES, OUR SOLUTIONS

1

ROOFING

Reliable, high performance, and proven - Sika's roofing solutions, including cool roofs for energy efficiency and smart monitoring systems, are suitable for both new constructions and refurbishment of existing buildings, enhancing TCO while minimizing risks.

Our product ranges include Sarnafil® AT Single Ply, SikaShield® Bitumen, and Sikalastic® Liquid Waterproofing systems, all with a comprehensive range of accessories for optimal performance.

Assurance that the system choice is locally certified, fire tested, or Factory Mutual Approved, offers peace of mind to the owner. This is further enhanced through tailored project support and turnkey offers for the full roof system and collaboration with skilled Sika approved applicators.

2

INDUSTRIAL FLOORING

Durable, easy-to-clean floors reduce fire risks in a high power consumption environment. And with Sika approved applicators, speed of installation minimizes downtime and quality of installation reduces the need for repairs.

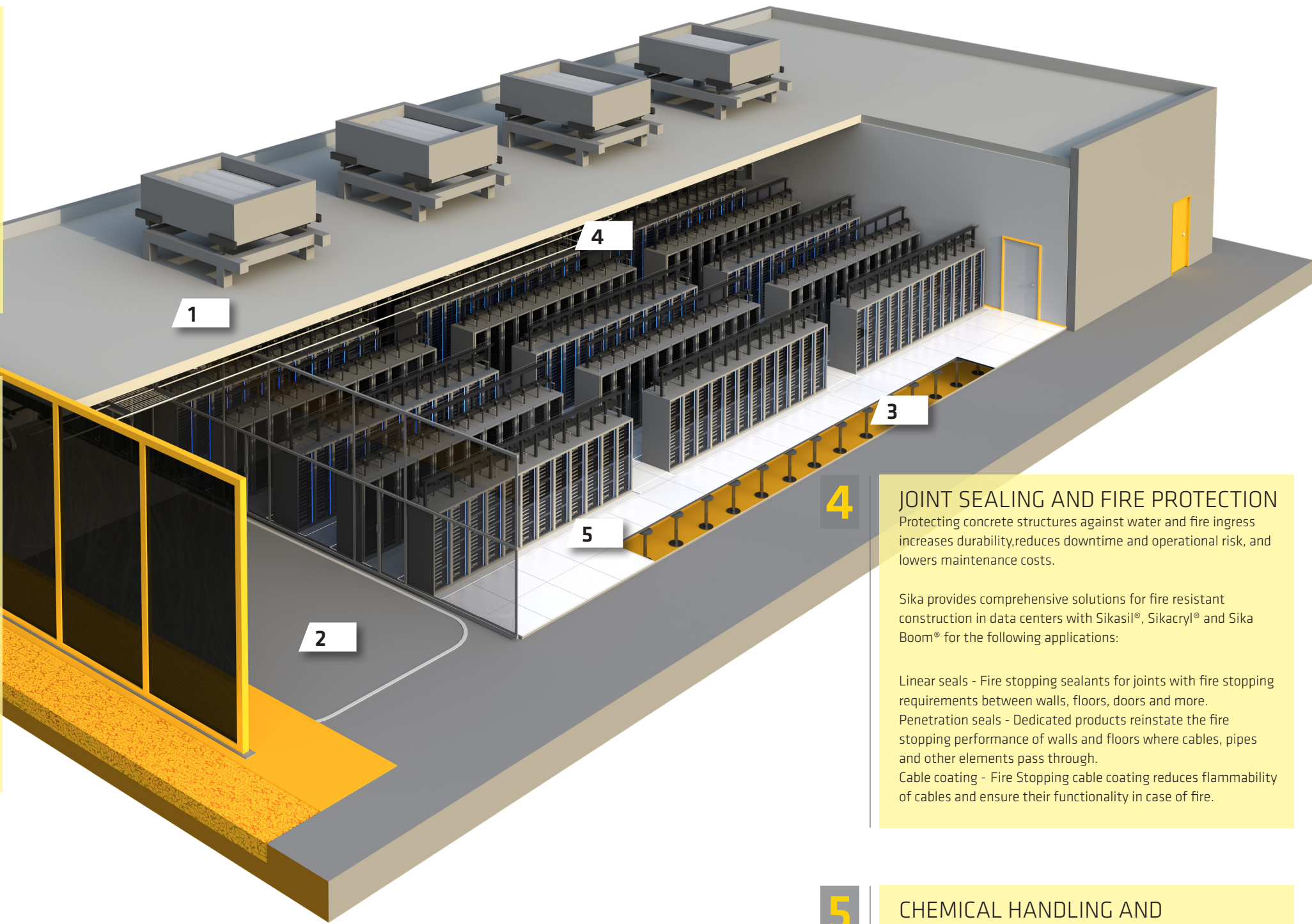
Sikafloor® Terrazzo® premium concrete systems offer low CO₂ footprint, are certified safe against fire class A_m, and certified for use in clean rooms. With the best price / performance ratio they represent the global leading floor solution in the Data Center sector. In addition, our global network of 50 factories produces technologies ranging from epoxy and electrostatic conductive floors, to dry shake or PU's. The longevity and durability of our flooring systems is proven, with many Sika systems still in service after 40 years.

Sikafloor® solutions are tailored to specific functional requirements, meeting the needs of all building areas such as heavy load-bearing capacity, electrostatic discharge protection (ESD), dust free to prevent damage to electronics, and durability to withstand high foot traffic and equipment movement.

3

BASEMENT AND SLAB ON GRADE WATERPROOFING

SikaProof® A+ fully bonded FPO and SikaShield® bitumen membrane systems prevent water ingress and secure a watertight finish, not only from the upper floors but also from outside sources. Internal areas benefit from a completely dry environment and protection against chemical attacks, including Radon gas.



CONTACT YOUR SIKA
EXPERT FOR ADDITIONAL
INFORMATION

4

JOINT SEALING AND FIRE PROTECTION

Protecting concrete structures against water and fire ingress increases durability, reduces downtime and operational risk, and lowers maintenance costs.

Sika provides comprehensive solutions for fire resistant construction in data centers with Sikasil®, Sikacryl® and Sika Boom® for the following applications:

Linear seals - Fire stopping sealants for joints with fire stopping requirements between walls, floors, doors and more.
Penetration seals - Dedicated products reinstate the fire stopping performance of walls and floors where cables, pipes and other elements pass through.
Cable coating - Fire Stopping cable coating reduces flammability of cables and ensure their functionality in case of fire.

5

CHEMICAL HANDLING AND CONTAINMENT AREAS

Sikagard® with Sikaflex® sealants protect surfaces exposed to chemicals and spills, from coolants, cleaning agents, or battery leaks, ensuring safety and compliance.

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.

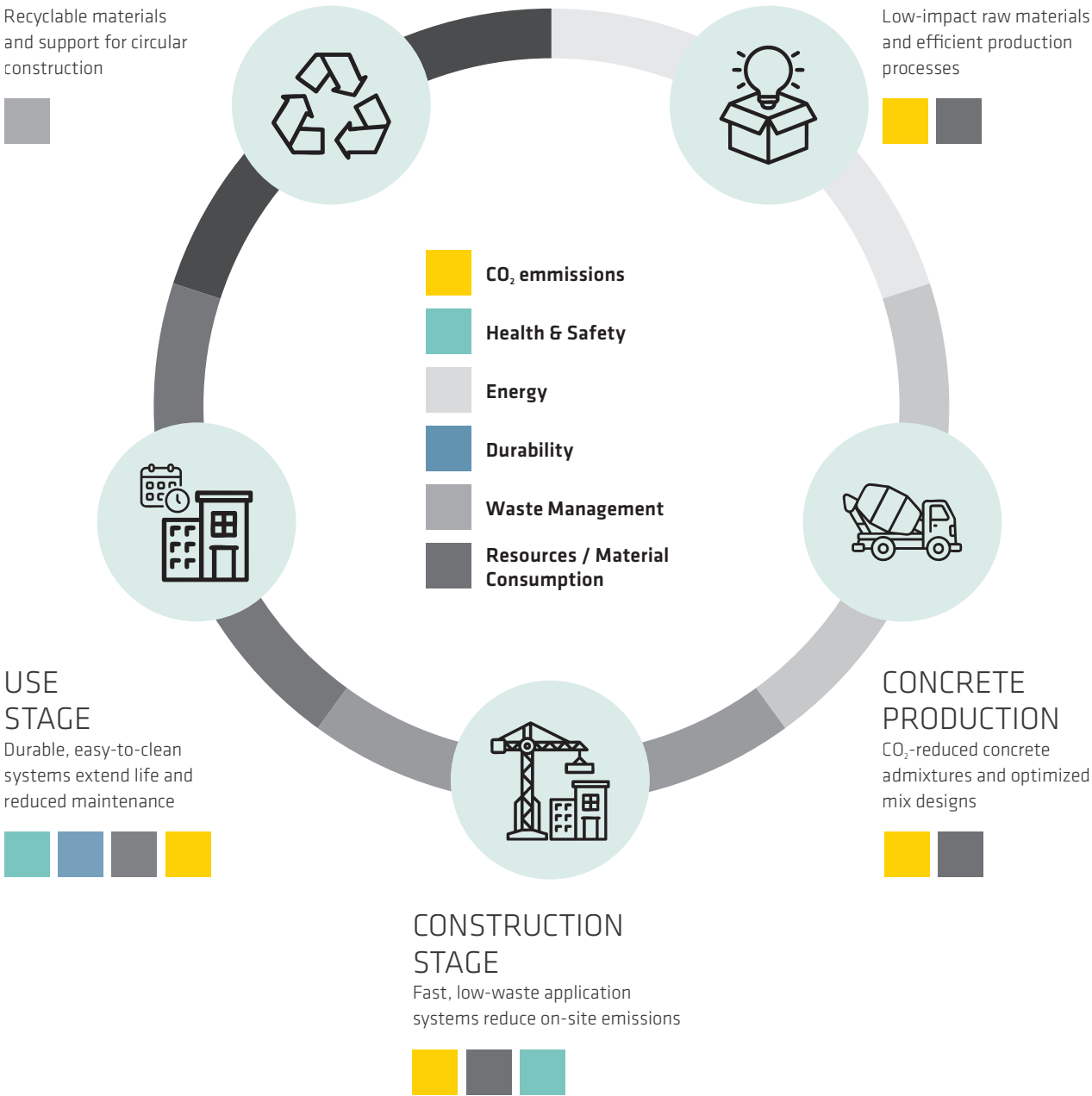
END OF LIFE STAGE

Recyclable materials and support for circular construction



PRODUCT STAGE

Low-impact raw materials and efficient production processes



DRIVING DIGITALIZATION

IN DATA CENTER FACILITY CONSTRUCTION AND MAINTENANCE

Digital transformation is reshaping how data centers are planned, built, and maintained. As the industry faces increasing pressure for efficiency, compliance, and sustainability, Sika supports this evolution with advanced digital solutions tailored to meet these demands.

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.

Through SikaVision®, our comprehensive digital solutions portfolio, we offer a growing range of tools and services that help you monitor, optimize, and predict key aspects of your construction or refurbishment projects. This ensures improved outcomes, reduced downtime, and long-term value.



SikaVision® represents our commitment to the future of construction. By integrating these digital tools and products into your projects, you can:

- **Enhance efficiency:** Streamline your processes, reduce errors, and achieve faster project completions.
- **Make informed decisions:** Our simulators, visualizers, and real-time monitoring systems help you stay ahead with data-driven decisions.
- **Maximize product performance:** Our digital products ensure that you are getting the most out of your Sika product investments.

Discover each of our digital tools and products in detail by exploring their dedicated webpages.



**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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BUILDING TRUST

